

THE GATEWAY

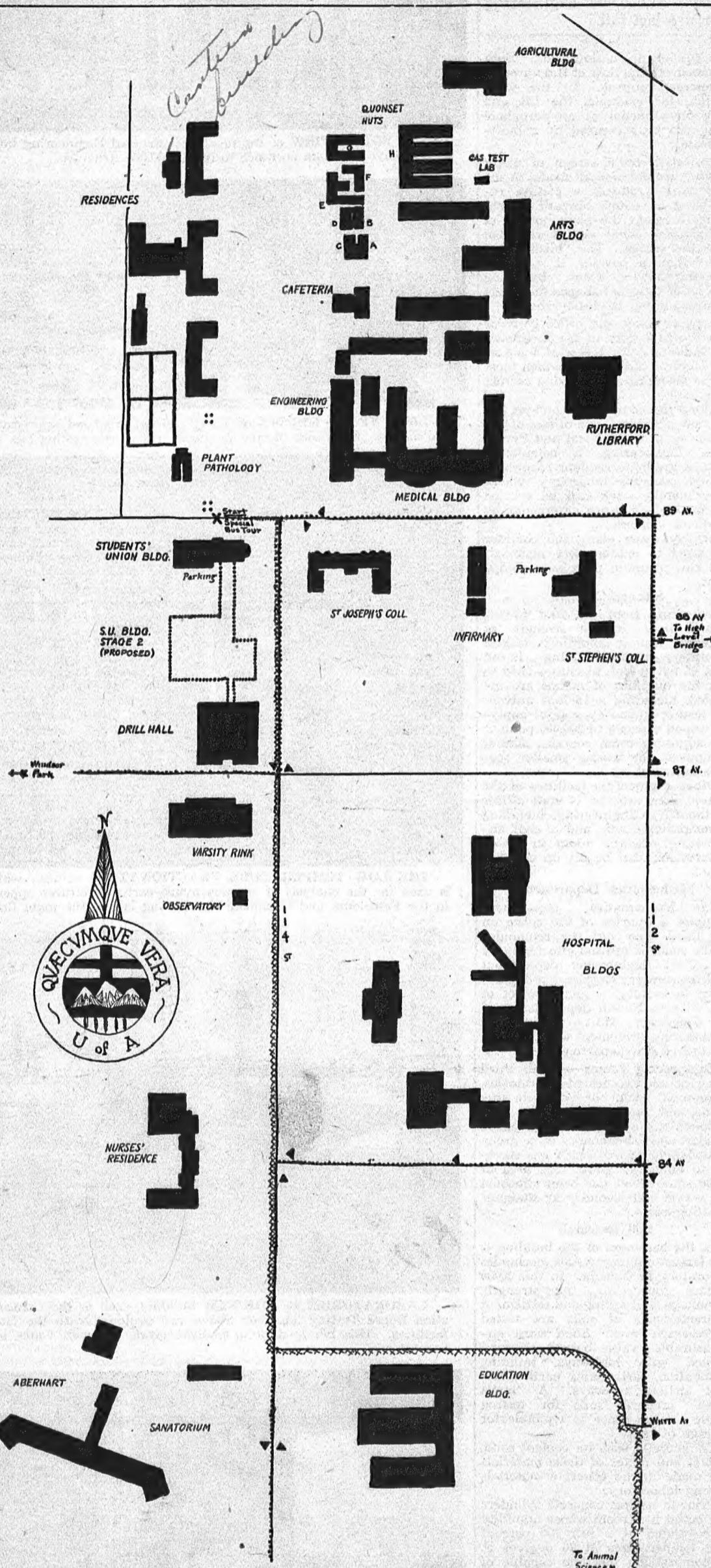
UNDERGRADUATE NEWSPAPER OF THE UNIVERSITY OF ALBERTA

VOL. XLIV, No. 20.

EDMONTON, ALBERTA, THURSDAY, FEBRUARY 25, 1954

PRICE, FIVE CENTS

Varsity Guest Weekend
Special Edition



MAP OF THE CAMPUS OF THE UNIVERSITY OF ALBERTA. Black triangles indicate bus stops. XXXXX indicate the route the special buses will be taking. indicates the regular city bus routes. The Studio Theatre is located on the north end of the campus in the Huts marked A and C. The North and South labs flank the westward extension (Convocation Hall) of the Arts building.

Drawn by Wickenden.

Class Of '29 To Be Honored At Alumni Homecoming Ball

Five hundred couples are expected to crowd the mezzanine of the Macdonald hotel addition for the annual alumni ball on Friday evening of Varsity Guest weekend.

Motto of the ball this year will be a flashback to the class of '29. The entire new banquet room will serve refreshments for the night under the flashing marquee, "Club '29." Each faculty on the campus will put up a display forming the decorations of the main ballroom and entrance.

Continuing the theme of the class of '29, the program at intermission will include members of the original orchestra of '29 playing some of the same pieces they played then. The "Black Bottom" and "Charleston," popular dances characterizing the era, will be an added novelty feature.

Last year the first that the alumni ball was held in conjunction with the Varsity Guest weekend. Alex Markle, permanent alumni secretary, reports that the combination was such a success last year that it looks like it will be an annual affair.

Tickets are \$7 per couple for both members and guests, but members will receive a renewal of their membership with the ticket purchase.



MR. ALEX MARKLE

At press time tickets are going rapidly but are still available. They are being distributed on a basis of "first come, first served," so members are urged to plan ahead to attend the event. Mr. Markle reports that alumni in all parts of the province have been notified of the ball and that an especially large turnout is expected from Calgary.

Dancing in the ballroom will commence with the grand march. Music is to be supplied by Frank McLean's orchestra.

Dress for the dance is optional and although there is to be no receiving line, the following patrons will be in attendance: Lt. Gov. J. J. Bowlen, Dean A. G. McCalla and Dr. Angus C. McGugan, superintendent of the University hospital, both of the class of '29; Chancellor Scarlet, President and Mrs. Andrew Stewart, and C. M. Macleod, chairman of the board of governors.

Arrangements for the ball have again been made by J. C. K. Madsen, president of the General Alumni association. This year he was assisted by Rodney Pike and O. P. Thomas, the resident executive members.

At the musical concert guests will be told of the tea, and it is hoped that there will be representatives from each fraternity to usher them to the houses.

Bowlen Named Honorary Head

The Hon. J. J. Bowlen, lieutenant-governor of Alberta since 1949, is to be honorary chairman of this year's Varsity Guest weekend.

In addition, Mr. Bowlen will be one of the patrons for the alumni ball to be held in the Macdonald hotel Saturday night. He was a ball patron last year.

Third Annual Guest Weekend To Commence Friday At 3:30

Registration Set For Saturday

Guests of the university on Varsity Guest weekend will be able to register at any of the major buildings on the campus between 9 a.m. and 4 p.m. on Saturday, Feb. 27.

Alumni, guests and high school visitors will be supplied with Varsity Guest weekend handbooks, lapel buttons, information and student guides as they are required, on registration.

Each of the stands in the arts, medical, engineering, and student union buildings as well as in Pembina hall will be staffed by four students at all times during registration hours. These students, under the direction of Don Cross, comm. 3, will be at the service of all who come to them for assistance.

Guided tours of the campus are not arranged for this year but guests may call on any of the students in registration booths to direct them around the campus.

Last year the registration at Varsity Guest weekend was over 5,000.

Hospital To Give Nursery Service

As their contribution to Varsity Guest weekend the student nurses at the University hospital will operate a free nursery and baby-sitting service at the Student Union building throughout the weekend.

The children will be cared for and entertained by nurses who are on duty and volunteers.

To Hold Teas For Varsity Guests

Although arrangements are not yet complete, a number of teas are to be held during Varsity Guest weekend.

The first of the teas will be a civic tea on Friday, Feb. 26, at 3:30 p.m. in the Waunaeta lounge of the Students' Union building in conjunction with the official opening of Varsity Guest weekend.

This tea will be invitation, with civic and government officials attending. It is hoped that Premier Manning and Mayor Hawrelak will be present.

On Saturday, Feb. 27, at 2:30 an open house tea for students, their friends and parents will be held in the Waunaeta lounge. It is designed to provide relaxation and refreshment in the midst of the weekend's heaviest day.

Of special interest to Education students and their parents will be the similar tea to be held in the Education lounge on the third floor of the Education building. Guests at the tea will be conducted on a tour of the building and the education displays during their visit. Tea will be served from 2:30 to 5:30 p.m.

Churches To Mark Guest Weekend

During Varsity Guest weekend, church services will be at their regular times: Chapel services at St. Steve's on Saturday, Feb. 27, 8:10-8:20 a.m.; mass at St. Joseph's on Saturday at 7 a.m. and on Sunday, Feb. 28, at 9 a.m. Benediction at St. Joseph's will be at 7:30 p.m. Sunday.

The Canterbury club invites all parents and friends to join with them in corporate communion at All Saints' cathedral on Sunday morning, Feb. 28, at 8:30 a.m.

A get-together around the breakfast table will be held immediately following in the parish hall of All Saints' cathedral.

Frats To Hold 'Open House'

Most campus fraternities are expected to entertain at an open-house tea on Sunday, Feb. 28, for Varsity Guest weekend. Parents and their friends are invited.

The Delta Kappa Epsilon fraternity is holding a "parents at home" tea in the Waunaeta lounge in the Students' Union building Sunday afternoon.

At the musical concert guests will be told of the tea, and it is hoped that there will be representatives from each fraternity to usher them to the houses.

Bowlen Named Honorary Head

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The biggest event in the history of the university will see next year's frosh intermingling with those of bygone years as Varsity Guest weekend is marked Feb. 26, 27 and 28.

Third annual VGW, combining alumni homecoming with agriculture field day and numerous displays, educational and entertainment activities, is expected to top substantially in attendance the previous two VGWs. Last year's registration was over 5,000.

All lectures and labs Saturday morning will probably be cancelled to enable students to act as hosts for the event.

High school students from all over the province will be on hand to see for themselves what their university is like. Calgary and Peace River areas will be well represented, and at least 50 students from Lethbridge will arrive in the city by chartered bus.

Alumni Homecoming

Alumni of the university are not to be outdone, and about 500 are expected for the second annual alumni ball to be held in the Macdonald hotel Friday night.

Theme of the dance will be the class of 1922, when the Charleston was the vogue and papa packed a hip flask. Alums will not have to worry about baby-sitters for the night, as student nurses at the University hospital are contributing to VGW by operating a free nursery and baby-sitting service at the Students' Union building throughout the weekend.

Official Registration

Registration of guests will take place Saturday from 9 a.m. to 4 p.m. in the major buildings on the campus. Although no guided tours have been arranged for this year, guests will be able to get a fairly good part of the campus by consulting their VGW handbooks to be distributed at registration or by asking students at the registration booths for a guide.

High school students will be looking to the faculty displays to see what they're getting into. Over 30 displays, illustrating various aspects of university academic life, will be set up.

One of the Studio Theatre's top productions of the year, "The Braggart Warrior," will be staged four times during the weekend for guests and students. A Saturday matinee will be open to guests only.

VGW Events Schedule

a.m.	p.m.
	Thursday, February 25
8:15 "Braggart Warrior", Studio Theatre.	8:15 University Symphony Concert, Convocation Hall.
	Friday, February 26
12:00 Girls Volleyball, U of A vs U of S, Athabasca Gym.	3:30 Official opening and tea, Waunaeta lounge, Students' Union building.
4:30 Girls Volleyball, Athabasca Gym.	7:00 Figure Skating Contest, Varsity Rink.
7:00 Golden Bears vs. Magrath Rockets, Varsity Gym.	8:15 "Braggart Warrior", Studio Theatre.
8:30 "Varsity Varieties", Education auditorium.	9:00 Alumni Homecoming Ball, Macdonald Hotel.
	Saturday, February 27
9:00 Registration of guests in major building on campus begins.	9:00-4:00 Bus service to University farm and Education building.
9:00-5:00 Faculty displays open to guests.	10:30 Nurses open, Students' Union building.
11:00 Girls Volleyball, Athabasca Gym.	2:00 Girls Swim meet, Victoria Composite pool.
	2:30 Open House, Waunaeta lounge, Students' Union building.
	2:30 Education Tea, Education lounge, Education building.
	2:30 Matinee performance of "Braggart Warrior", Studio Theatre.
	3:00 Joint Musical program, Mixed Chorus and University Symphony, Convocation Hall.
	7:00 Raymond Union Jacks vs. Golden Bears, Varsity gym.
	8:15 "Varsity Varieties", Convocation Hall.
	8:15 "Braggart Warrior", Studio Theatre.
	Sunday, February 28
	8:00 Regular Church services.
	8:00-4:00 Corporate Communion, All Saints' Cathedral and breakfast get-together.
	11:00 University Service, Convocation Hall.
	1:30-3:30 Tours of Rutherford Library.
	3:15 Musical Club Concert, Convocation Hall.
	4:30 Open house at Fraternity houses.

Over thirty different displays will be unveiled for inspection Saturday and Sunday, Feb. 27 and 28 when the University of Alberta opens its doors for the public to come in and get acquainted.

There will be things for the young to wonder at and things for their elders to ponder. From paintings to radio-active fertilizer and from birds to optics, the displays will be of sufficient variety and number to attract members from all vocations.

However, one cannot possibly hope to see them all, and it is therefore advisable that the visitor read carefully the following list of displays and plan to see those of most interest to him.

The majority of the exhibits will only be open on Saturday. Those that are only open for a short time, and those that will be open Sunday, should be noted.

ARTS AND SCIENCE

Chemistry: Medical Building, Room 142. Display of various chemical apparatus in use. (1) colloidal, (2) analytical; demonstration of liquid air and a group of students working in an analytical lab.

Fine Arts: Painting Division—Art gallery of Rutherford Library, Friday, Saturday, and Sunday 1-3:30 p.m. Exhibitions representing 8 Community Art centers in Alberta; an exhibition of paintings from the 1953 Summer Session of the Banff School of Fine Arts and a fine collection of Indian and Eskimo costumes and crafts. Students' Union building, Friday and Saturday, Exhibition of crafts. Second floor lobby of Arts building, Exhibition of Lethbridge Community Arts Classes.

Drama Division: Theatre lobby, Hut A, Saturday morning 9:30-12:30. Exhibition of painting by Allison Forbes, Room 303 Arts building, Exhibition of Theatre photographs, program, etc. All theatre buildings will be open to the public, including Hut D Workshop, Theatre equipment and costumes; Hut A Green Room, Theatre designs; Hut C Theatre, stage setting.

Geology: Third Floor Arts. Display of Minerals, Arts 334; Paleontology Museum, Arts 312; fluorescent Mineral case, in hall outside Arts 334; Archeological cases in the halls. Household Economics: Mixed Lounge of Students' Union building. Display to include fabrics, comparison of fibres and weaves, pattern construction, choice of color and designs. Also class projects; demonstrations of baking; comparison of "mixes" and homemade products; causes of common failures in cooking, experimental cooking; and importance of Canada's food rules.

Mathematics: Third floor Engineering building, Scale model of oil field operations. Gamma Ray, Logging model (Lane Wells). Room 103, Core display and analysis. Room 206, Demonstration of mud control methods. Show case displays in corridor on first floor.

Chemical: Unit operations lab, north end of Medical building basement. There will be a settling tank in operation. The high pressure testing lab, room 203, Engineering building will also be open to visitors.

Civil: Fluid mechanics lab, 1st floor Engineering building. River tray, used to study the behavior of river flow. Model of locks used in navigation of rivers. Strength of material lab, 1st floor Engineering building. Analysis of beam failure. There will be student guides and other minor displays.

Electrical: Power house building. Robot man and various laboratory displays including Dynamometer "weighing power"; control of motor

by light beam; Master-Slave servo units; demonstrations of adequate lighting; synchronization of alternators and oscilloscopes with various pattern displays.

Mining: North lab. Techniques and apparatus used in modern metallurgical processes.

MEDICINE

Biochemistry: Medical building. Demonstration of experiments nutritional studies.

Bacteriology: Experiments and demonstration showing relation of health, industry, and basic science.

PHARMACY

Commercial experiments; food and drug analysis; extraction procedures; tablet manufacturing; history of pharmacy; dispensing demonstration.

AGRICULTURE

Animal science: University Farm. Farm tour, reiteration and explanation of work being carried on there.

Dairying: South Lab. Illustrations of the complete production and manufacturing processes of milk and dairy products.

Economics: North Lab. Combined display with agriculture engineering, illustrating methods of comparing the value of three tractors for different purposes.

Engineering: North Lab. Demonstration of a remote control mower.

Plant science: Plant pathology Building. Illustration of work being done on ergot. Horticulture—simple method for testing quality of potatoes. Weeds—demonstration of the effects of different chemicals upon flats of plants grown in the greenhouses. Plant physiology, North Lab.—Examples of chemical analysis of agricultural produce. Field crops, North Lab.—Registered seed production of elite and foundation stocks. Genetics, North Lab.—Demonstration of the development of different varieties of grain.

Sols: Hut E. Demonstration of a geiger counter for tracing progress of radio-active fertilizer through plants.

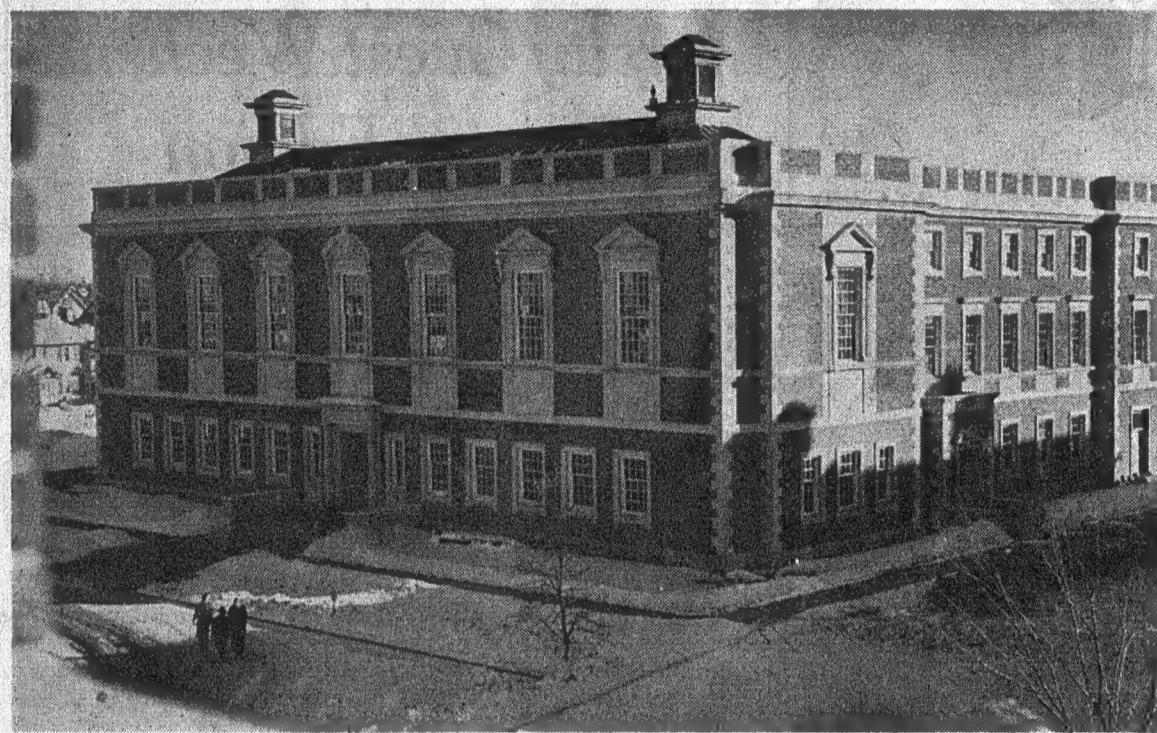
Botany: Room 343, Arts building. Displays of Stems, Roots and Leaves. Microscopic demonstration of the internal structure of oak, corn and a few other common plants.

RUTHERFORD LIBRARY

Visitors will be taken on conducted tours of the library on Saturday from 9:45 a.m. and on Sunday from 1:30-3:30. There will be displays of library materials in the display cases on the main floor.

SUMMER SCHOOL

There will be a Summer School display in the rotunda of the Education building.



Rutherford Library To Open For Conducted Tours, Displays

A focus-point of interest for all visitors over Varsity Guest weekend will be the Rutherford library, one of the finest buildings on the campus.

Particularly interesting will be the library's special displays in the first-floor rotunda. The fine arts department will also have exhibits of paintings in the art gallery and the main hall, and a series of fine reproductions of the works of the great masters will line the hallways on the third floor.

An excellent place for weary sightseers to relax will be the music listening room, which will have recorded programs in progress all Saturday afternoon.

Tours will be conducted through the building from 9 a.m. to 4:30 p.m. on Saturday, Feb. 27, and again on Sunday from 1:30 to 3:30 p.m.

Contained in the Rutherford library's four storeys of brick and white limestone are a main reference reading room, a reserve reading room for arts and science students, and special reading rooms for students of law, the medical sciences, agriculture and engineering. In addition, there are seminars, a projection room, a music listening room, an art gallery and museum and the

offices of the extension library. The library's 150,000 volumes are stored in six floors of stacks.

Nine hundred readers may be seated in these beautiful rooms, with a full-time staff of about 25 to serve them. In addition, 35 or 40 students are part-time workers.

There has been a tremendous increase in the use of the library since 1951. In 1951-52, about 181,000 readers used these facilities, an increase of 75 per cent over any previous year. In 1952-53 the number of readers had increased to 308,000, and the figures for 1953-54 indicate a similar increase.

The two-million-dollar building bears the name of Dr. A. C. Rutherford, first premier of Alberta, who sponsored the University Act. It was officially opened on May 15, 1951. Miss Marjorie Sherlock, head librarian, stated recently that "the library was built with the belief that it would suffice for 15 years, or until university enrolment has reached 5,000." When expansion becomes necessary, additions may be made to the back and top of the building.

President Of Union Extends Welcome

It was the 1951 Students Council which suggested that a university day be implemented incorporating the objects of the agricultural and household economics field day and public science display. The very capable student and faculty committee which was set up to introduce this program of events expanded the idea into what has become an annual university weekend.

Although the first invitation was limited to the parents of students or prospective students of the University of Alberta, over 3,000 parents and high school students from nearly every part of the province attended this first Varsity Guest weekend.

Since that time the program has been expanded to try to present every aspect of university life to the campus guests. In addition, all adults in the province of Alberta have been encouraged to take advantage of the opportunity to see what is offered in the way of university facilities.

This year the university community will once again take much pleasure in acting as host to the many interested persons who will visit the campus. As president of the Students Union of the university, it is my personal pleasure to invite you to our "open house" in hopes that you will have an opportunity to witness not only the numerous faculty displays, but also the many features of student activity which make up the extracurricular life of a university.

We trust that the efforts of this year's committee will be crowned with even greater success and that our visitors will continue to return to the campus each year to witness the progress which takes place every year within the university.

In conclusion, we sincerely hope you will enjoy your visit to our campus and consider the weekend a memorable one.

DOUG BURNS,
President, The Students Union.

Buses To Provide Shuttle Service

Special Varsity Guest weekend buses will shuttle between the Students Union building, the education building and the university farm between 9 a.m. and 4 p.m. on Saturday.

Two buses are hired from the city from 9 a.m. and a third from 10 a.m. There will be no schedules but service will be every 15 minutes or faster, according to the need.

One bus will run from the Students Union building to the Education building all day. A second will link the union building and the university farm continuously, while the third will serve where it is needed most.

The system, under the direction of Tom Chapman, is designed to eliminate the overcrowding which occurred last year during the mid-afternoon rush.

Faults arising independently of it that would be and are present in almost any system—such as inadequate training or just plain poor teaching.



DR. W. D. McDougall

education has gained much and lost little during the past 17 years.

Students read, spell, and do arithmetic as well as they ever did, and what is more important, enjoy their work more. Happiness and self-confidence are the new educational products in the child. The often-criticized social studies programme was also defended by McDougall. He stated they also learn it in a more useful form.

He pointed out that the critics of progressive education too often criticize not the system itself, but

To Hold Mixed Service In Connection With VGW

A university church service featuring members of all faiths in attendance at the University of Alberta will be held this year for the first time in conjunction with Varsity Guest weekend.

regions. Greene said these persons would give a personal short address stressing perhaps home customs, family unity, etc., in their homelands. If they so desire, they will give the basis of the particular religion they represent.

Greene said this is in accord with the basis that the university community does not promote any particular creed or doctrine.

It is thought that the mixed chorus will likely participate and representatives of Edmonton churches will be present.

It is hoped to have present representatives from Pakistan, India, Africa, Korea and other similar

New Engineering Building Provides Complete Facilities

Engineering research and training in Alberta will be furthered through the facilities of the new \$1,000,000 engineering building which was first opened for use last fall.

The three-story building, with a total floor space of 80,000 square feet, houses the petroleum engineering, the civil engineering and mathematics departments, as well as two specialized laboratories, one for the Petroleum and Natural Gas Conservation Board, and the other for the use of sanitary engineering students.

Entering the building from the south, the offices of the Dean of Engineering is the first on the second floor. Directly across from it is the separate lab which will be used by the chemist of the Petroleum and Natural Gas Conservation Board who will be moved from Calgary.

Petroleum Testing Laboratory

Adjoining the Conservation Board lab is the petroleum testing laboratory, used primarily by undergraduates learning gas and oil testing techniques. Major pieces of equipment in this room are two fractional distillation units, one for analysing crude oils and the other for analysis of petroleum gases and a continuously recording calorimeter which rates the heating value of the natural gas used in Edmonton.

A concrete fire-proof room is provided at the rear of the petroleum testing laboratory for the storage of oil and gas products. An automatic fire extinguisher system is installed in this room as another safety precaution.

Mud Lab

Also on the second floor is the drilling mud lab with a small room for demonstrations or for graduate work. An experimental equipment well, 45 feet deep and provided with removable grid flooring at all levels of the building, enables large units of petroleum equipment to be installed for study purposes.

A crushing and grinding laboratory for rock samples, a core library for studying drilling cores, and an oil well logging lab are other Petroleum Engineering facilities on the first floor.

Structural Engineering Lab

The structural engineering and hydraulics laboratories of the Civil Engineering department are on the second floor as well. In the structural engineering lab, models of bridges, arches, and other engineering structures are made with plastic, then analysed with polarized light.

For "photo-elastic" model studies, a theoretical load is imposed on a model and the distribution of stresses investigated with the aid of polarized light photos. A small darkroom for developing and printing of photos adjoins the room.

Hydraulics Lab

In the hydraulics lab, first floor, which has an area of more than 4,000 square feet, a "river tray" has been built to duplicate in miniature the flow of water in an actual river system or canal. The river tray is divided into two sections, one covered with fine and the other with coarse sand. Duplicate experiments may thus be set up to determine the effect on river flow of bed material.

An interesting study is the development of meanders. In one experiment a straight, even channel is excavated in the sand and water flows through it at a constant rate for a number of days or weeks.

A movie camera is in position to take pictures of the changing channel at frequent intervals. The initial channel may be varied in width and bridge models may be used to investigate the effect of piers on river flow.

A tilting flume for observing the flow of water in an open channel is another piece of equipment used by the Civil Engineering department. Models of dams can be placed in the six-foot long flume to obtain their characteristics.

Both river-tray and the flume will be used for research into river flow which the Engineering Department is conducting in co-operation with the National Research Council.

New Flow Testing Equipment

Two new pieces of equipment for the hydraulics department are a

President Stewart Welcomes Guests

I am glad to have the opportunity once again of welcoming those who will be guests of the university at the weekend.

Some of you, perhaps, have children at the university; others, of a younger generation, will come up from the high schools to see what the university may have to offer you; others, citizens of the province, will come to find out for yourselves something of the service which the university is rendering to Alberta and to Canada.

There are things that you will not see—the industry and enthusiasm of teachers finding a response in receptive minds; the interplay of thought in informal discussions after classes or in "Café" in the residences or in rooms, carrying a stage further the stimulation afforded by the classroom; the wide responsibilities, wisely handled, of Students Council, whose publicity officer is chairman of the guest weekend committee; and the atmosphere of cooperation, tolerance and friendly endeavor which is, I feel, one of the marks of this institution.

Though these things cannot be seen, they may be sensed. I hope that you will be conscious of them. I hope that you will feel that what you have seen and what you have experienced here have made your visit worthwhile.

ANDREW STEWART,
President.

windtunnel and a flow tank. Both demonstrate the flow of fluid around submerged objects. In the wind tunnel, for example, the lift and drag on a model of an aeroplane wing can be measured by a built-in scale.

Projection on a screen of water flowing around a small model in the flow tank produces a picture resembling a vicious blizzard. Light shines through the glass bottom of the shallow canal and it reflected onto the screen. The "blizzard" is seen when a powder is sprinkled into the flowing water. By using objects of different shapes the effect of streamlining is clearly shown.

A passageway and office corridor link the first floor of the Engineering building with the west wing of the Medical building, in which most of the Chemical Engineering section is located.

Along the connecting corridor are the new administrative offices of the Department of Chemical and Petroleum Engineering, a calculation room, a graduate seminar room, and a high-pressure laboratory where experimental work can be carried out on high-pressure equipment by graduate students.

Display cases along the corridor are used to exhibit new materials and new pieces of petroleum equipment.

Strength Testers

Extending from the first to the second floor is the strength of materials testing laboratory, largest laboratory in the building. In an area 45 by 30 feet, machines used to test the qualities of metals are installed, including a 15-foot universal testing machine capable of applying a load capacity of 200,000 pounds. An adjoining room contains similar equipment for testing smaller sections of metal.

Other engineering facilities of the second floor are the 14 staff offices of the Civil Engineering, including a computing room, and a civil engineering research room in which experiments can be set up and left intact.

Mathematics Department

The Mathematics department occupies a quarter of the space on the third floor but the remainder of the space is utilized effectively by the Civil Engineering department and the sanitary engineering department laboratory, a joint project of the Alberta Health department and the University. Most of the sanitary engineering equipment was provided by the Health department.

Engineering rooms on the third floor include two design laboratories, a seminar room for research students, and four class-room, air conditioned and equipped with acoustic plaster and blackboards of a green composition board which are slanted to eliminate glare. An area of 5,000 square feet has been allocated for a first and second year students' drafting room.

Soil Research

In the basement of the building is the largest university soils mechanics laboratory in Canada. In this 3,000 square foot area, the strength, shrinkage, and settling and settlement characteristics of soils are tested in research work. Such work is immeasurable a value to engineers concerned with highways, building foundation, earth dams, earth slides and airfield runways. A "moist room" prepares soils for testing while a large space is available for storage of soils.

Commercial tests on cement sand, gravel and mixes of these materials are made in the concrete materials testing laboratory.

Prior to testing, concrete cylinders are cured in a room whose humidity is regulated at a full 100 percent and temperatures at 70 degrees F. A compression machine capable of subjecting concrete to loads up to 300,000 pounds is used to determine the strength of the concrete.

Cold Room

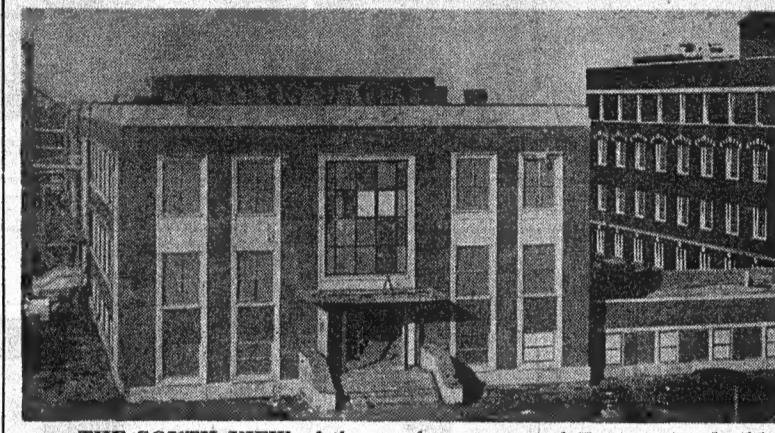
In the cold room, in temperatures as extreme as 40 below zero, concrete aggregate is tested for its durability to frost conditions. This room provides valuable information for studies of frost heaving in highway and building material.

Next to the cold room is the constant temperature and humidity room where controlled tests on the effect of atmospheric variations on wood and concrete can be made. A removable panel between the two rooms allows materials to be inserted while different degrees of temperature and humidity are applied simultaneously to both sides.

Concrete and other building materials are put through alternate freezing and thawing cycles in the freeze-thaw laboratory, which in its original state was one of the first in Canada to study the effect of freezing and thawing on concrete. The temperature controls of the room can be set to freeze and thaw automatically for as many as 250 cycles.

Another hydraulics flume, believed to be the longest in any Canadian university, runs the length of the basement. Two hundred and fifty feet in length, the flume can duplicate the problems created by a flowing river by the use of pumps and other equipment.

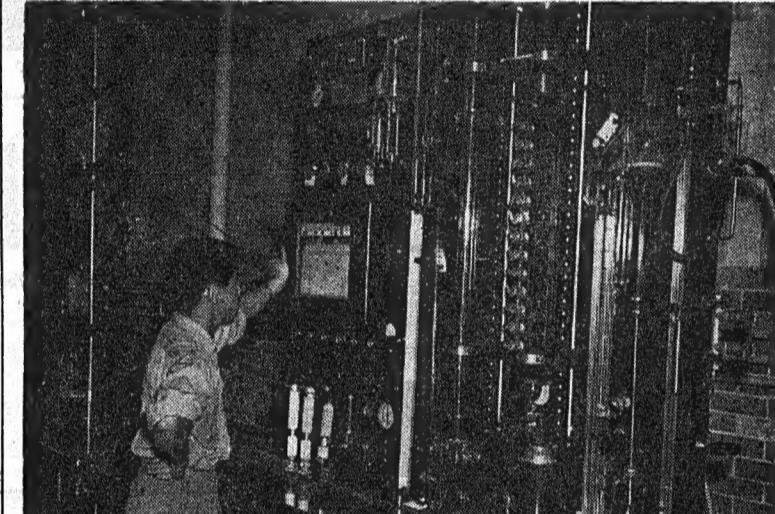
Also in the basement are the calibration room for the calibration of field instruments, the survey equipment storage room holding about \$60,000 worth of equipment and two Petroleum Engineering laboratories provided to house a research project into the flow characteristics of fluids in an oil reservoir.



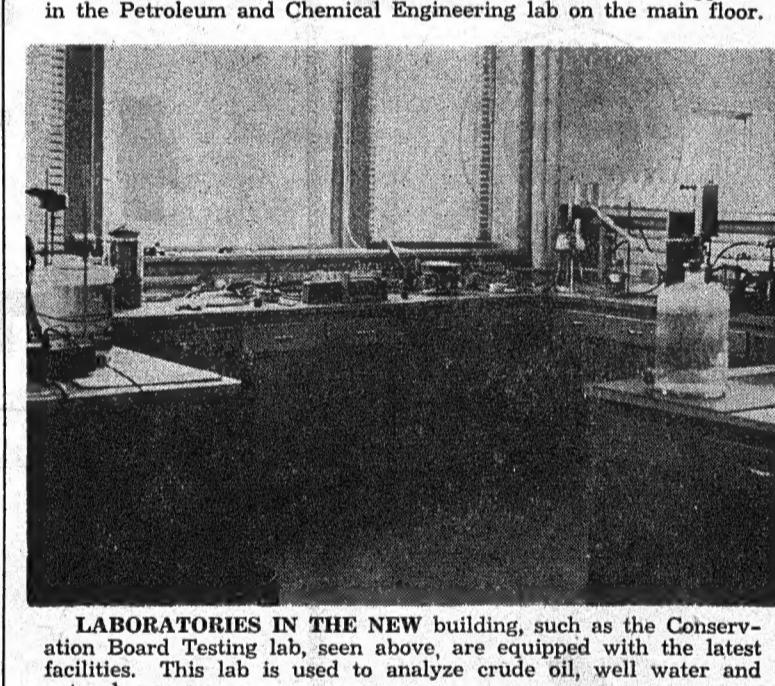
THE SOUTH VIEW of the newly constructed Engineering building displays the main entrance to the \$1,000,000 structure.



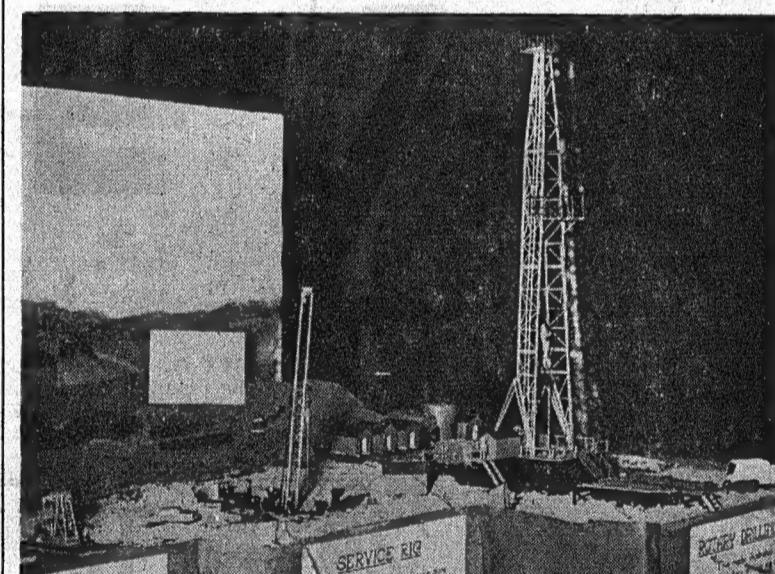
LAST YEARS GUESTS of Varsity Guest weekend appreciated the display of the core library as shown in the core testing lab.



THE LOW TEMPERATURE FRACTIONATING column which is used for the analysis of gaseous hydro-carbon mixtures appears in the Petroleum and Chemical Engineering lab on the main floor.



LABORATORIES IN THE NEW building, such as the Conservation Board Testing lab, seen above, are equipped with the latest facilities. This lab is used to analyze crude oil, well water and natural gas.



Engineering Displays To Be Prominent Feature Of VGW

Paramount among the faculty displays for Varsity Guest weekend will be the displays from the faculty of engineering which have been held over from the annual engineers' ball.

Included in the petroleum display is a drilling rig, a service rig, a portable pumping unit, and a storage system. Eight different operations tell the story of pipeline construction from surveyors and ditchers to laying-in and backfilling.

Canal locks and a dam system constitutes the model display of the civil engineers. Although not built to scale the model is a copy of the Kentucky locks of the Tennessee Valley Authority. A self-propelled "liner" is raised and lowered for inches from the river level to the level of the reservoir.

Model Brewery

"Roboman" is the name given to the model brewery display of the chemical engineers. The model, set on a revolving table depicts the various stages of beer production and is topped off by a fountain of beer which drains in the university symbol of engineers—the beer mug.

"Roboman," the pet of the electrical engineers, can walk and talk, and do most things that engineers do. He can even drink beer. One campus female even reported that, in true engineer style "Roboman" winked at her. On further questioning, it was reported that she couldn't bear to wink back at such a big strong hunk of man whose condition was so obvious by his bulbous red nose.

Nickie Wickenden
Gateway

Third Annual
Guest Weekend

THE GATEWAY

UNDERGRADUATE NEWSPAPER OF THE UNIVERSITY OF ALBERTA

VOL. XLIV, No. 20.

EDMONTON, ALBERTA, THURSDAY, FEBRUARY 25, 1954

PRICE FIVE CENTS

Annual Fraternity Songfest To Feature Varied Program

The annual songfest sponsored by the Interfraternity Council and the Panhellenic society will be held in Convocation hall Monday at 8 p.m. Keith Bissell, supervisor of music in Edmonton public schools, will replace Prof. R. S. Eaton as adjudicator.

Members of eleven fraternities will take part, each singing two songs. The program will begin with Delta Kappa Epsilon singing "Lassie o' Mine" and the "Whiffenpoof Song." Delta Upsilon will then sing "I'll See You in My Dreams" and "The Ranger's Song" from Rio Rita.

"The Riff Song" and "Mood Indigo" will be sung by the Kappa Sigma fraternity. Following this will be an interlude of piano music by Ralph Perry and June McDougal, dual pianists.

The women's fraternities will then take over with Delta Delta Delta singing "Little David, Play on Yo' Harp" and "Summertime." Delta Gamma have chosen as their selections "To a Wild Rose" and "O Peter, Go Ring Dem Bells." Kappa Alpha Theta will sing "Kitty of Coleraine" and "River Bay." Pi Beta Phi will conclude the women's portion of the program with "All Through the Night" and "Whistling Girl."

After intermission Phi Delta Theta will render "Ein Festa Burg" and "Galway Piper." Phi Kappa Pi will give their rendition of "Night Song" and "De Animis Are A-comin." Sigma Alpha Mu have chosen for their selections "Lonesome Traveler" and "Havoh Nogiloh." Zeta Psi will conclude the program with two selections the names of which have not been announced.

Following the program will be the adjudication and the presentation of the Barks trophies.

Patrons are Miss Mamie Simpson and Prof. A. R. Ryan. This songfest is open to the public, and students and friends are especially welcome, IFC stated.

Winspear Named Commerce Head

Dr. F. G. Winspear was named director of the school of commerce for one year, it was announced recently. Dr. Winspear joined the department of accounting in 1930, resigning from his position as professor of accounting in 1949. In 1950 he was elected president of the Canadian Chamber of Commerce.

Dr. Winspear was awarded an honorary doctor of laws degree in 1951, in recognition of his services to the university and to the community. He will continue his practice with the Edmonton accounting firm of Winspear, Hamilton, Anderson and Co.

Additional Jobs Open To Students

The University branch of the National Employment Service has announced the following employment opportunities open to students. A vehicle driver (female) able to drive up to two ton vehicles is needed for the Calgary area. There are openings for Commerce undergraduates willing to go North, an industrial X-ray technician, a male clerk typist, computers, second and third year geology students to go as prospector trainees and credit clerks. Credit clerks must have a car and some typing training.

There is also immediate employment for a Grade XII Latin tutor.

Notice

Applications will be accepted at the Students Union office up to 5 p.m. on Tuesday, March 9, for the following positions during the forthcoming year:

Chairman NFCUS Committee—sits as a non-voting member of Students Council, represents the University of Alberta at the NFCUS conference.

Director of the Evergreen and Gold—complete responsibility for the 1954-55 yearbook—honorarium.

Advertising Manager of the Evergreen and Gold—10 per cent commission on all advertising in the yearbook—responsible for the sale and setting up of all advertising.

Photo Director—responsible for the organization and functioning of the Photography Directorate—work with Gateway and Evergreen and Gold—honorarium.

Public Relations Officer—responsible for the organization and functioning of Varsity Guest Weekend, Parliamentary and Civic Banquets and any other public relations activities—honorarium.

Advertising Manager for The Gateway—8 per cent commission on all Gateway advertising, responsible for the sale and setting up of all advertising.

Editor of Telephone Directory—in charge of editing and publishing of the 1954-55 directory—honorarium.

Editor of the Frosh Handbook—edit and produce the Frosh booklet in conjunction with the Golden Key Society.

President of the Radio Club—responsible for the organization and functioning of the Radio club in 1954.

Director of Light and Sound—responsible for the care of all equipment and for the organization of the light and sound crew—honorarium.

Signboard Man—salaries job—in charge of all signboards.

The business managers of the Mixed Chorus and the Symphony Orchestra shall be appointed by those clubs and ratified by Students Council.

Fellowship To Trinity, Oxford Open To Humanities Grads

The Richard Hillary Memorial fellowship is being offered to a male graduate in humanities from the University of Alberta. The Richard Hillary Memorial Trust is offering the fellowship, valued at £500 per year for two years, for study at Trinity college, Oxford.

Instrumental in securing the fellowship for the university was Lovat Dickson, an Alberta graduate, who recently published a biography of Richard Hillary.

Hillary was a student at Trinity college, Oxford, where the award is being given. He joined the Royal Air Force and was shot down and badly disabled.

His book, "The Last Enemy,"

EUS Reps Return From Conference

Two education students represented the University of Alberta at the Western Canada Student Teachers' Conference held at Moose Jaw Feb. 8 to 11. They were Mary Jensen, ed 4, who is professional representative on the Education Undergraduate society; and Ray Blacklock, ed 2, vice-president of the club.

The annual conference was attended by 15 delegates representing 2,500 education students from teacher-training institutions in the four western provinces. A third Alberta representative was Kay Edwards, a second-year student from Calgary.

A Student Faculty night will be held Thursday, March 4 in the education lounge to hear the conference report. Subject taken up at the conference were community relations, the status of women, and curriculum building.

These topics will be further discussed at the Faculty night. All education students are urged to attend as a subject will be chosen for next year's conference.

NOTICE

Nominations for the position of Vice-president of the Wauneta Society have been extended from the February 24th deadline. Nominations will be accepted at the Students Union office, up to 12 noon Saturday, February 27th. To be eligible, the candidate must be a junior or non-graduating woman student. Nominations forms are available at the Union office.



Professor Salter To Deliver Toronto Lectures On Drama

TORONTO (CUP)—Professor Frederick M. Salter of the University of Alberta's department of English is to deliver the Alexander lectures at the University of Toronto this year, it was announced here recently.

The fourth Canadian to give the lectures since they were established in 1928, Prof. Salter will speak March 15 to 18 on medieval drama in Chester. The four lectures will be given daily in Massey hall.

Chester was the home of one of the four great surviving cycles of mystery plays in the Middle Ages. These mysteries were plays based upon the Bible and produced by craft guilds.

The four lectures are: Development of Religious Drama; Mystery Plays in Chester; Production and Performance; and Intrinsic Value, Historic Contribution and Development of Drama.

Prof. Salter did research on Chester records in England. As usual, the lectures will be published in book form.

The Alexander lectureships were established in 1928 to honor Professor W. J. Alexander, first holder of the English chair at University college, University of Toronto. He taught English from 1888 to 1926 and died in 1944.

The lectures were established to perpetuate Alexander's work and to make a significant contribution in the field of English literature.

When interviewed about this situation, Miss Marjorie Sherlock, head librarian, stated that if this practice continues it may become necessary to replace the hangers with those of the conventional type.

Miss Sherlock expressed her concern over the situation, pointing out that this type of hanger was installed for the convenience of the students. The library had recently planned to install more locking hangers, but of course there cannot be one for each student on the campus.

Since such a large percentage of them have been rendered useless by seemingly selfish students, it may become necessary to do away entirely with the safer locking coat hangers, thus penalizing all for the actions of a few.

Don Green, head of the photo directorate, expressed disappointment at the small number of entries submitted. "There seems to be a considerable lack of interest in photography on the campus," he said. The names of judges have not been released as yet, but it is expected that those chosen will include employees from a local photo outfit, an art professor, and some better photographers from the students on the campus.

The entries will be on display for Varsity Guest Weekend in the mixed lounge in the Students Union building, and in the art gallery in the Arts building during the first part of March.

Mr. Dickson's biography, "Richard Hillary," has now been published. Largely through his influence, the fellowship was made available to an Alberta student.

Applications for the fellowship are to be sent to the registrar, University of Alberta, not later than April 15. The fellowship is available only to male graduates in humanities. An application should be accompanied by a clear statement of the field of study in which the candidate desires to work. The statement must be supported by statements from two professors with whom he has worked previously. The successful applicant must take up residence at Trinity college, Oxford, in October of the club.

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Music for the dance will be supplied by Frank McCleavy's orchestra.

Three To Contest Presidency; Five Positions By Acclamation

Coming Events

(For a schedule of events occurring in conjunction with Varsity Guest Weekend, please look on the front page of the VGW supplement.)

Saturday

12 noon—deadline for nominations for Wauneta vice-president.

Monday

8:00 p.m.—Interfraternity Songfest, Con hall. Dance following in SUB mixed lounge.

11:30 a.m.—Lectures cancelled for election speeches in Con hall.

March 5-7

Waw Waw Weekend.

March 5 Students Union Elections.

March 6

2-5 p.m.—Machran Essay contest, Arts 206.

Philsoc Essay Contest, March 6

The annual J. M. MacEachran essay competition sponsored by the university's Philosophical society is to be held this year on Saturday, March 6, starting at 2 p.m. in Arts 206.

The competition is open to all registered undergraduates. First prize is \$50, second \$25 and third \$15. Those wishing to enter the competition should contact Miss E. Miller in the registrar's office.

Students will be given a choice of topics to write about, to be distributed at the time of writing. In case of a tie, duplicate awards may be given.

Last year's competition featured such topics as South African racial discrimination, the social responsibility of newspaper editors, a bill of rights for Canada and other philosophical topics of current interest. Topics for this year will be in the same general vein.

Guest Weekend News Briefs

1. Twelve specially invited high school students from Medicine Hat expected on campus for the weekend. The six boys and six girls are to be accommodated in university residences.

2. St. Stephen's College planning displays in their new building. To include valuable display of antique Bibles.

3. Those students wishing to volunteer to campus guides may do so at Students Union office.

4. Student Advisory Service offices in Hut H to be open to give information to prospective students.

5. Entries to U. of A. photo contest to be on display, east lounge SUB.



RALPH MARSHALL

GRACE PULLEYBLANK

WUS Study Tour Scholarships Awarded To Arts Students

Grace Pulleyblank and Ralph Marshall, both arts 3, have been awarded World University Service scholarships which enable them to participate in the WUS summer study tours of 1954. The program is designed to give experience for the participants but not only as an educational

failure of prohibition had shown the futility of ever hoping to enforce complete abstention. Alcoholism strikes 225 times as many people as polio, and in addition the alcoholic directly affects the lives of six to eight others.

Mr. Strachan pointed out that the alcoholic is ill just as the diabetic is ill, and must be treated accordingly," he said. The problem facing the alcoholic is primarily due to the social implications. Every effort must be made to change existing public attitudes by factual information about this greatest public health in our society.

The alcoholic must have his human dignity, self-respect and faith in others restored without preaching Mr. Strachan said.

He was accompanied by Mr. Frazer of the Alcoholism foundation, and introduced to the club by Dr. Douglas Smith, head of the psychology department.

Concerts, Sports
Displays, Teas

PRICE FIVE CENTS

Bob Edgar, pharmacy 2, Hugh Lawford, law 2, and Tom Peacocke, education 3, were nominated for president of the Students Union Wednesday. When nominations ended at 2 p.m., nominations for all Students Union offices had been received except that of Wauneta vice-president.

Clara Angelvedt, education 3, and Shirley Wilson, education 3, were nominated for vice-president of the Students Union. The position of secretary will be contested for by John Beckingham, law 2, Dave Hilton, commerce 2, and Sidney Wood, law 1.

Two nominations were received for treasurer: Ken Baille, commerce 2, and Denis Horne, commerce 2. Ian Adam, arts and science 3, and Gordon Arnell, arts and science 2, will run for president of the literary directorate.

Bill Peacocke, engineering 2, and Bob Smith, arts and science 2, were nominated for president of the musical directorate. Wauneta society president, the last council post to be contested, received two nominations, Margaret Falk, commerce 3, and Nancy Robertson, arts and science 2.

Five By Acclamation

Five acclamations were recorded: Bill Buck, medicine 3, for president of men's athletics; Christie Brown, arts and science 2, for president of women's athletics; Joe Fairbanks for vice-president of men's athletics; secretary-treasurer, Wauneta society, and Claus Wirsig, arts and science 2, for arts and science representative.

Nominations for the post of Wauneta vice-president have been extended to 12 noon Saturday.

Campaigning will begin Sunday midnight. Classes will be cancelled at 11:30 a.m. Monday to hear election speeches in Convocation hall. Monday's Fencepost will carry the pictures and platforms of all candidates.

Well-Known Nominees

Bob Edgar, in his second-year

pharmacy, represented his school on Council this year, and also served as Students Union public relations officer.

He has also been active on the

executive of the pharmacy club. This year he was awarded a gold "A" pin for his services.

Hugh Lawford, in his second year of law, is former editor of The Gateway. Last year he won a Canadian Legion scholarship and a gold "A" pin. This year he received two scholarships. A member of History club and the Canadian Institute of International Affairs and a past member of the debating club, he successively held the posts of reporter, news editor, managing editor and editor-in-chief of The Gateway.

Tom Peacocke, in the third year of education, has been active in the Drama society and Studio theatre during his three years at the university. He served on the Frosh Council in 1951-52, and this year was on the Education Undergraduates' society and Students Council as education representative. He is business manager for Varsity Guest Weekend this year.

CLASSES CANCELLED

The university's general faculty council has announced that all classes and labs have been cancelled Saturday morning for Varsity Guest Weekend.

The 11:30 class Monday has also been cancelled, in order that all students may attend a Students Union meeting to be held at that time in Convocation hall. Candidates for Student Union offices will be introduced to the assembly, and will give short speeches.

Althone Fellowships Awarded Engineers Klingbeil, Dawson

We Go Pogo

This week campaigns for the Students Union elections are to commence.

This week, if things are at all normal, we will be flooded with blotters, pocket calendars, memo pads, lapel cards, posters, handbills, flyers, printed serviettes, rubber-stamped toilet tissues, banners, parades, congo lines, brass bands, pipe bands, orchestras, closed meetings, nasty comments, secretive whispers, and embarrassing how-will-you-vote questions.

This week you will hear more about Student Council than you have heard all last year, and more than you will hear all next year.

This week you will hear more about would-be campus bigwigs and know less about them than a sane man would deem possible.

In the past we have read "platforms" of the esteemed candidates: at best, only space fillers; on the average, without any significance to the electors or anyone else; at worst, vain attempts to arouse the emotions.

In the past we have been forced to vote on the basis of the number of times we've seen Jo Blo's face or name in print, the number of times Jo Blo has nodded to us on the street, or the number of our friends who have been talked into wearing Jo's lapel buttons.

In the past, elections have been won and lost over the extensiveness of an emotional publicity campaign; thus the man with the most financial backing gets the post. No one has dared to offer him opposition on any other grounds than his own.

If and when a candidate should offer a more constructive platform than the promotion of Stage Two, then it might be worth while going to the polls.

If and when a forthright and challenging election speech should be offered from the lecterns of Con hall and the classrooms, then (hallelujah!) there would be some intelligent reasoning behind our votes.

If and when candidates should offer plausible, active programs, then we would have an excuse to be proud of our alma mater and our democratic system of government.—H.W.H.

Opinions Aired Along . . .

STUDENT STREET

Death Penalty—A Necessity

By J. N. W.

At the present time, four crimes are punishable by death in Canada: murder, treason, rape, and piracy with violence. There is little question about the horror of these acts, or the moral deficiency of the people committing them. No one wants them left at large in society.

The question arises, however, of the responsibility. Persons committing these four crimes are either hopelessly criminal or violently insane. The insane man is not responsible for his actions. It is usual to commit him to mental care in a suitable asylum. Only the sane criminal is asked to face death for his actions. Here again, it is often suggested that society is responsible for his crimes, not the criminal. But until a way is found whereby society can prevent sane criminals from arising in its midst, the individual who commits the crime must himself be held responsible for it.

If we cannot permanently eliminate violent criminal and moral degenerates from our society by prevention, we must find some other way. Only two alternatives present themselves: execution or life imprisonment.

Presumably the latter is advocated by those who speak against capital punishment. This is open to several objections. It places younger, less hardened criminals into contact with those who have sunk to the lowest level a human beast can attain. There is always a possibility of escape, with consequent repetition of the crime. In the meantime, there is the not inconsiderable expense and trouble of prison upkeep.

It may be argued that there are equally serious drawbacks to the alternative execution. There is always the chance of a mistake. This seems rather an objection to particular applications of capital punishment rather than an argument generally valid. It is clear that great care should be exercised in sentencing to death. Only those obviously guilty as charged should be executed. This does not say that *nobody* should be executed.

Further, it may be suggested that anyone who commits the crimes described must be insane and therefore should be committed to mental treatment. But remember that we have ruled out the insane from the punitive measures of the law. Unless a person is in fact responsible for his actions and aware of the nature of his crime, society will not condemn him.

Again, it is argued that capital punishment is a method of torture and brutalizes those who must administer it. Under humane methods of execution possible at present, this is no longer true. It may be that the gallows should be abandoned, but that is no reason why the electric chair or some even more painless methods should not be substituted. And surely the executioner is no more brutalized than the slaughterhouse employee, who is an accepted part of society, or than the humane society officer who "puts away" as the euphemism runs, surplus pets.

Few arguments stop here. They suggest that taking human life, under any circumstances, is morally wrong. But the man whose life is taken has himself been guilty of a crime of violence. True, Moses' "eye for an eye" may have been a less lofty rule than the subsequent dicta of Christ; but how many of us are Christians, even in name?

Let me emphasize once again that there are only two ways of disposing permanently of a sane but violent criminal. The first is imprisonment. The second is death. When we choose between them on their merits, we see that the latter has practical advantages and is less likely to lead to further tragedy. We can only conclude that the movement to abolish capital punishment from our reasonable and just laws is based on a peculiar squeamishness or on a misguided, misty-eyed, sentimental humanitarianism which either cannot perceive the facts or cannot bear to realize their consequences.

THE GATEWAY

Member Canadian University Press



Member Associated Collegiate Press

Authorized as second class matter by the Postal Department, Ottawa.

The opinions expressed by columnists in this paper are not necessarily those of The Gateway or of the members of The Gateway staff.

Office Phone 31155

Final Copy Deadline: 9 p.m. Tuesdays

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EDITORIAL POLICY COMMITTEE Jean Kenworthy, Dave Cuff, Harold Huston, Doris Sherwood, Nick Wickenden

We take an editorial stand:

- For increased awareness on the part of students of their responsibility to student government; and
- On the part of the members of the student government, of their responsibility as representatives of the students;
- For the elimination of excessive, wasteful budgeting and spending of Student Union monies;
- Opposed to racial discrimination in all campus organizations, including Greek letter societies;
- For improvement of services to students on the campus;
- For the furtherance of student cultural activities;
- For increased Government aid to universities.

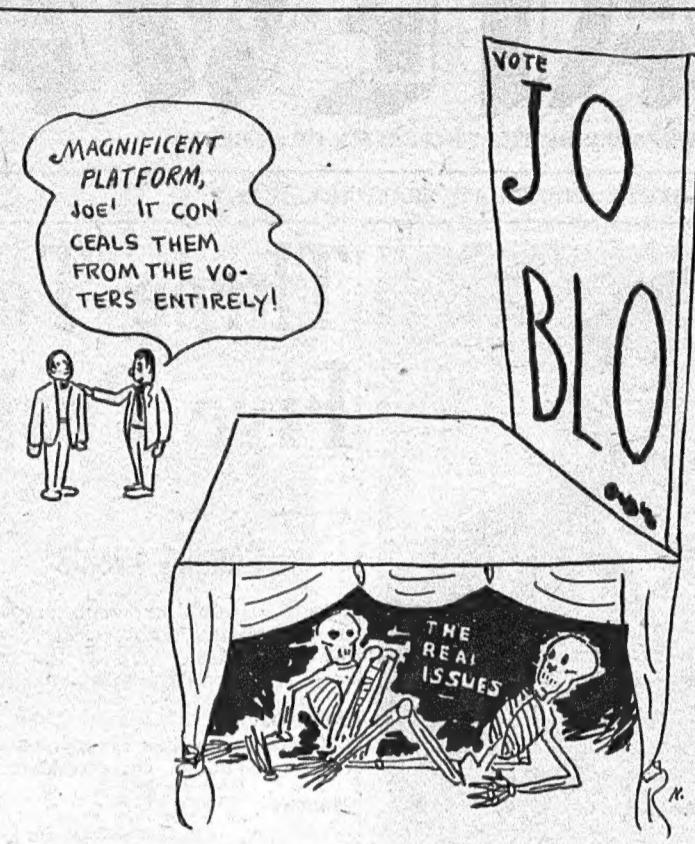
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Verb. Sap.

By Maurice Bruce Stewart

"And by opposing end them . . ."
—Shakespeare

Once again we are on the eve of that dreary spectacle, the Student Union elections. As is well known, they tend to futility. The platforms of the candidates do provide some amusement, however.

If you do not want to support a man who advocates the Good, the Pure, and the Beautiful, then there are always his "opponents" who advocate, respectively, the Pure, the Beautiful, and the Good, and the Pure. The composition of platforms seems to be an exercise in the creation of meaningless prose. Certainly the products of this toil provide no method of deciding who to vote for.

There are other ways of choosing candidates to give your votes to. Personality is frequently mentioned in this connection, but I have never been able to get a coherent account of what personality is, much less how it is applied to politics. A method I used to employ was to vote against the candidate who offended me the most with the stupidity of his campaign.

Most campaigns are indeed total losses conducted along the lines of the engineers' queen campaign but lacking the saving grace of beautiful women.

Some people like to support a particular fraternity instead of a particular individual. This strikes me as an attempt to solve one insoluble problem by transforming it into another equally insoluble problem, viz., choosing the fraternity.

This is not as bad as it might seem, though. The candidates are hard to distinguish because they are not essentially different and one will probably do just as poor a job as another. The Students Council, while performing an invaluable service, does not really do anything original, and so once the machinery of student government is set going, one group of hacks can keep it going as well as another.

This is regarded by some as an excessively cynical view of student politics. Universities are frequently accused of being too ivory towerish, but there is no campus activity more artificial than student government.

There are, however, plenty of

THE Campus Horse

This is supposed to be a humor column. Honestly we've tried, but every single joke has to be fought through a maze of people on the editorial policy committee . . . and hangers-on.

However, we're game. We'll try again—for the fourth time this week.

Upstairs I showed daddy the shelf of books from which students could pick books for random reading. However, before I could point out that the books were never changed, he had hurried over to the desk in

front of the inner sanctum. As only

members of the hierarchy can enter this chamber, I told him that he was wasting his time and to come along. (You know, even the hierarchy can't enter in the evenings.)

The part of the mausoleum which daddy liked best was the upper hall. It seemed so well adapted to meetings and conversations. Pleasant decorations, excellent acoustics and the absence of banging doors made this the finest room he had seen. I was stymied when asked what the busy people were doing who rushed around the room and had headquarters behind the desk.

I remembered that they had something to do with the lower catacombs of the inner sanctum, but as I had never known anyone who had been down there I could not clearly answer the question.

One of the reasons for this is that

public education is run by the government, and in our excess of democratic enthusiasm, anything run by

the government is to be watched and harried. Another reason is that, since we pay for this education, it is

considered that we have the right to oversee its administration, a consideration which is at least debatable.

Anyone who has studied sociology

will know that to investigate the

education system alone to find the

root of the trouble which is com-

plained of today is to work fruit-

lessly. The schools, like everything

else we create, reflect the society

which creates them.

In our province, the two chief

characteristics of society are directly

reflected in the schools and are, at

bottom, the two chief things com-

plained of in our schools. I would

call those characteristics premature

sophistication and equalitarianism.

By premature sophistication I

mean the spreading of the curricu-

lum over a hundred attractive sub-

jects and over millions of dollars

worth of equipment and buildings

before this province can afford to

have them. For all the province can

adequately afford towards these

things is money, and it takes much

more than money to set up a good

education system; it takes much

more than equipment and buildings

it takes good teachers.

Take away all your magnificent

facilities, and half your attractive

curricular subjects, and give us 5,000

good teachers, and you have an

excellent education system; without

them you have nothing.

The insistence that all teachers be

"trained" is also a luxury this

province cannot afford. There are

many excellent scholars in many

parts of the province who would be

willing to spend an hour or two a

day teaching in the local school, but

they may not, because no teacher

may teach in our schools until he

has been "trained." Thus we ignore

the "untrained" best in favor of the

"trained" second or third best. Many

more heavily populated, more social-

ly cultured parts of the world can

afford to insist on trained teachers;

we cannot.

By equalitarianism, I mean the

fear of adequately grading students

according to their brains. The auto-

matic pass-fail system in examina-

tions is not only ridiculous, it is

unjust. It is unjust to the brilliant

student who is kept in scholastic

company not worthy of him, and it

is unjust to the dull student who

slips through on the system and thus

gets a false sense of his scholastic

value.

Indeed, I often wonder how many

unenthusiastic students are dis-

appointed by a passmark. Most that I

have known have been only too glad

to get out of school and get to work

on something congenial to them.

This equalitarianism is certainly

responsible for the degradation of

the high school diploma to a mean-

ingless scrap of paper. Its logical

extension could do the same for the

university degree.

These two basic defects in our

Reserve University Squadron Has Extensive Program

By Grace Kasper

In just over two months, university will be over for this year and, with the end of lectures and exams, men and women who belong to the Reserve University Squadron will travel across the country to different airforce bases and military colleges to commence their summer training as officer cadets.

Free Love Society Receives Fan Mail

Ed. Note: Because the Society For The Furtherance of Free Love has been disbanded, The Gateway prints for the convenience of past members, the only significant correspondence to date.

Girls, Free Love Society, c/o The Gateway, University of Alberta.

Dear girls:

It is hard to believe that women of University caliber are gullible to such a scheme as you propose. It was aired once by Judge Landis and promptly died a natural death as the men plan to escape his responsibilities.

Before you get into this trap better wake up, Stop, Look and Listen. It is no secret that all campuses have a form of free love which is so far removed from marital living it can well be termed "emotional intoxication". Marriage is a let-down after such jags of modern courtship.

You are probably seeking some sort of sensational publicity or excusing your actions which you know are questionable. The solution to problems of divorce and marital unhappiness are adequately explained in the proper places. Why haven't you and yours found the answer?

What you advocate does nothing but breed a frustration of ideas, anxiety, hate and guilt. Ask the girl who tried it.

The cards are stacked before you, marry, if your background was lacking—as many are—your marriage will find the rocks. You are free to educate yourself to the facts not excuse your ignorance.

I have spent three years of intensive research on school campuses after my own children brought home trash similar to yours. If you sincerely wish to "know the answers" demand and get reputable teachers to explain the facts.

I am publishing a pamphlet "The Marriage Racket" for young people imploring their attention to the facts of real living. You girls might uphold the family tradition rather than try to destroy it. Sex is not love, don't let the boys fool you. Keep out of that trap.

Most sincerely,
LOUISE H. O'NEILL,
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Yes Dad, I have trouble with my teaching subjects . . . but I'm really very interested in Ed.

Annual Parliamentary Dinner Attended By Alberta Leaders

The annual parliamentary dinner given by the Students Union to members of the Alberta legislature and other high figures in the provincial government was held Tuesday evening in Athabasca hall.

Present were His Honor, Lt.-Gov. J. J. Bowler, Premier Manning, the members of the legislature and the deputy ministers of government departments.

The university administration was represented by President Dr. Andrew Stewart, the bursar, Mr. J. M. Whidden, and the provost, Mr. A. A. Ryan.

Doug Burns, president of the Students Union, was toastmaster, and each of the dignitaries was accompanied by a student host.

University, Province Toasted

The toast to the university was given by Hon. Gordon Taylor, minister of highways. He discussed, from the viewpoint of a layman, the various things which the general public expected of a university, praising especially intellectual curiosity and tolerance.

Mr. A. A. Ryan, replying to the toast on behalf of the university, stressed the changes that have come over the university since he first attended as a student. He felt that students today work harder and perhaps had less fun than before. Looking ahead, he predicted still greater expansion for the future.

Donna Marie German, president of the Radio society, gave the toast to the province. Miss German, who returned this year from a year as an exchange student in Connecticut, expressed the increased appreciation which an Albertan feels for his province after having a chance to compare it with other regions.

The speaker of the assembly, the Hon. Peter Dawson, replied to the toast for the province. He described the various elements that make up the population and life of the province—agriculture, business, religion, and education.

Following the banquet the visiting officials and their hosts enjoyed a lively Studio theatre performance of Plautus' comedy, "The Braggart Warrior."

Quebec To Aid Universities

MONTREAL (CUP)—On Feb. 16, Premier Maurice Duplessis announced that the provincial government planned to provide enough aid to universities in Quebec to compensate for the loss in federal aid they are not allowed to accept.

Early estimates have McGill university receiving about \$314,000 under the proposed grants.

LOST—Grey Ronson lighter, engraved "Christie". Please phone 31155 or return to Gateway office.

LOST—Ring with initials V.S.D. at the Varsity gym. Finder please leave at Gateway office.

LOST—Would the person who took a blue gabardine topcoat, size 42, with a McQuires of Lethbridge label, plus gloves, please contact Mr. T. Hoffman at 8739-85 Ave. or phone 392251 and exchange it for his own. No questions will be asked.

FOUND—A Medical Building key. Contact the head janitor at the med building.

LOST—Waterman's pen, brown with beige and silver top. Between the University and 81 Ave. If found, please phone 33961.

FOUND—A dark blue Parker 51 pen with a silver top in front of Hut B. Contact the Students Union office.

LOST—Near the Arts building, a dark blue eversharp with a silver top belonging to a Parker 51 set. Please call 31868.

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To Show Crafts, Paintings, Arts During Weekend

On Varsity Guest Weekend, visitors will have the opportunity of seeing three groups of painting and craft displays. A Banff painting display will be shown in the Arts Building, there will be Community Arts Display in the Art Gallery of the Rutherford Library, and the Extension Craft exhibit will be shown in the Students' Union Building.

Banff School

The Banff painting display will be compromised of selections from the current exhibit of paintings. These paintings were done by the students during the summer session of 1953, at the Banff School of Fine Arts. William Scott, of the Bath Academy of Art in England, W. J. Phillips, W. G. McDonald, O.A.C., J. B. Taylor, and Eric Byrd of Montreal, were instructors at Banff during the summer session.

Lethbridge, Red Deer, Camrose, Brooks, Lloydminster, Medicine Hat, and Lacombe are among the communities who will have their paintings displayed at the Library. Five outstanding paintings from each community will be shown.

Craft Exhibit

The Extension Craft exhibit will be the work done through the activities of the Department of Extension in co-operation with the Cultural Activities Branch of the Department of Economic Affairs. All work is the work of the students or ex-students of the Extension classes, or of alumni of the University of Alberta.

The crafts include work in pottery, leathercraft, woodwork, and weaving. The communities of Beaver Lodge, Willingdon, and Edson are among those who will present their work in pottery, leathercraft, and woodwork. The communities have been working under the instruction of Mr. and Mrs. Martin Joyce who have taught at the Banff School of Fine Arts for several years.

Mrs. R. Sandin, who has been teaching weaving at the B.S.F.A. since 1941, will exhibit some of her weaving. Mrs. C. Brine, also of Edmonton, is another outstanding exhibitor in weaving.

Visual Arts

Films on the visual arts will be shown in the Screening Room of the Extension Department. A brochure and map will be available to all visitors to inform them of time and place for each of the various parts of the fine arts programs.

BC Pranksters Claim Cannon Swiped From Royal Roads

Ed. Note: The following story received Tuesday from "The Odyssey" was later proven inaccurate. See Page 6 for latest coverage.

VANCOUVER (CUP)—Proof that the much-vaunted Pacific coast defences are practically useless was shown a few days ago when a group of engineers at the University of British Columbia broke into the Royal Roads Tri-Services college near Victoria and borrowed a 400-pound cannon.

The cream of Canada's future military leaders slept soundly while

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A MURAL DEPICTING THE EARLY CIVILIZING influences in Alberta hangs in the main reading room of the Rutherford library. Painted under the direction of Prof. Glyde of the fine arts department, the mural was a gift to the university. The only piece of work of its kind in the province, it includes as its main figures, Father Lacombe, Dr. John McDougal, and Mr. Rowan the Hudsons Bay factor.

Photo by Balsie.

Campus Art Encouraged By Extensive Program

Have you often wondered who came along to occupy that floor and one-half in the south end of the Arts building after the pharmacy moved to the enlarged Med building? Yes, it was the painters—picture painters, that is—with their easels, brushes, drawing boards and all sorts of paint concoctions.

For your enjoyment and, they hope, edification, these artists and their assistants hang travelling and local exhibitions along the south stairway, in the second-floor Arts building lobby, and in the Rutherford library, third-floor art gallery. These exhibits sometimes consist of a class or a community group while other times they are from individuals or groups of professional painters.

For those who wish to make painting a serious study, these people in the "south garret" have recently instituted courses that can be studied for credit toward either a B.A. degree or a diploma in art. These additions have come in following the success of four courses given in 1948 for those persons working toward a B.Ed. degree who wish to be especially equipped to teach art.

Academic training is only one side of the picture as far as the efforts of our painter-professors are concerned. Four nights each week they conduct evening courses for young and old regardless of high school standing. These "adult" education classes, as well as many conducted in rural communities throughout the

province, are directed jointly by the painting division of the department of fine arts and the department of extension. This year another service carried out in a similar fashion, in cooperation with the Women's Musical club, has been the sponsoring in Convocation hall of pianist Ross Pratt and, more recently, baritone Robert McFerrin.

The painting division has also been able to present to the general public,

as well as to the staff and students, three distinguished speakers on subjects related to art. First came architect Basil Spence to show his drawings of his design for the new Coventry cathedral, giving a talk on these and explaining why he took the approach he did. Later, Eric Newton, British art critic, with his wife, Stella Mary Pearce, noted stage designer visited the campus. This couple gave several inspiring talks on their respective fields of interest.

Since these persons received packed audiences, it would seem that this type of university extension is a success. It is to be hoped that more such lecturers will be sponsored at the university in the future.



The DRAWING FROM MEMORY AND KNOWLEDGE class, a diploma course in the fine arts department, is instructed by Professors Glyde and Taylor of the department.

Photo by Koza.

Music Division Offers Students, Outsiders Wide Variety Of Experience And Training

The music courses given by the division of music at the university are designed to allow a person to earn a B.A. in music and, in the B.Ed. program, to earn a junior or senior music specialist's diploma. These courses cover a wide range of subjects: choral theory, orchestral instruments, form, harmony, counterpoint, keyboard harmony, and the history of music. But these aren't as difficult as their names make them sound and, spread over a number of years, they provide a pretty extensive training. Of course, they may also be taken as options in other schools and faculties.

In conjunction with the various courses, laboratories are held regularly. But apart from the occasional experiment in playing a violin by blowing into it (thus setting the particles of dust in motion) in the laboratories straightforward programs of choral music, of brass, woodwind, and stringed instruments and of gramophone records are studied. The purpose of these laboratories is to give each student an elementary knowledge of how the various instruments work and of the different aspects of style found in choral and instrumental music.

Communities, too, benefit musically from the facilities at the university. Advice and assistance are given and short courses on various subjects are arranged through the extension lecturer in music.

University students are not the only ones who have to face exami-

Fine Arts Department Forms Centre Of Cultural Activity

The University of Alberta has a young and vigorous department of fine arts, headed by Professor H. G. Glyde. The three divisions, painting, music, and theatre, each offer undergraduate courses, including a thorough grounding and opportunities for students of extra promise and talent.

In addition, each division reaches out into the province to encourage and assist all who wish to increase their proficiency and add to their joy of execution. This work is carried on with the cooperation and assistance of the university's department of extension. Over 600 students find their way each year to the Banff School of Fine Arts, and nearly as many more are visited by the "extension specialists" who travel throughout the land to points as far distant from each other as Dawson Creek and Milk River.

composers from the Music Division, designers and artists from the division of art.

Acting director of the theatre is Gordon Peacock, teaching stagecraft, directing and acting. Elizabeth Sterling Haynes, well-known Canadian director and actress, instructs in acting, and voice and speech. Mr. and Mrs. Arthur Genson, of London, England, teach voice and speech in the extra-mural "Actor's Workshop" classes, and Miss Pat Austin of the Department of Physical Education gives body movement. Frank Glenfield is the permanent business manager for the theatre.

Work Is Of High Standard

Mr. Peacock states that according to a survey of the twenty-five universities and colleges in Canada, "our theatre work at the University of Alberta is greater in scope than all but two or three universities in the Dominion, and while educational theatre in Canada cannot compare in scope to that of the United States or England, our work at Alberta ranks with the best university work in this country".

In addition, a summer school of the theatre is held at the university during the regular summer session, with students taking six weeks concentrated courses in acting, stagecraft and directing. A major three-act production cast from experienced actors in the theatre, runs for nine performances at the end of the session. The beginning acting student takes part in one-act plays, and learns the techniques of lighting, scene painting, costume design and make-up during work on the major production. The directing student assists with the major production, and in addition to learning the theories of directing, has the opportunity to direct an one-act play under faculty supervision.

Essentially Creative

The Drama Division believes that whatever the phase of theatre activity a student enrolls in, he must essentially be a creative artist, and the Division tries to offer an outlet for all the arts of the theatre, whether it be scene and costume designing, make-up, playwriting, lighting, directing or acting.

Working closely with the Drama Division is the Department of Extension, which has a full time instructor in Drama, who travels in the province offering advice and assistance to rural community drama groups. The Banff School of Fine Arts offers courses in drama in the summer, with students from all over North America attending the school.

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nations. The Western Board of Music sends out representatives to examine candidates in both practical and theoretical music. This is to provide an interest and incentive to study music privately.

Through the radio service there are concerts of recorded music broadcast each evening from the university, and twice a month there is a broadcast of pieces from the

In the music room of the Rutherford library, recorded concerts are presented during the week through-

out the university term. Students interested in performing, themselves, may be heard through the monthly concerts given in the Students Union building by the musical club.

These courses and activities provide the student with whatever training he desires, whether professional or otherwise.

Western Board of Music syllabus. Different local musicians perform on these occasions and sometimes students are asked to "take" a broadcast.

Students interested in either singing or orchestral playing are given an opportunity to join the mixed chorus or the symphony orchestra. These groups meet regularly to rehearse under professional direction. The members get an enormous amount of fun out of it, but they also accomplish wonders, as proven by the recognition they have achieved outside the university and the province. Each year these groups give highly successful concerts, both on the campus and in other parts of the province.

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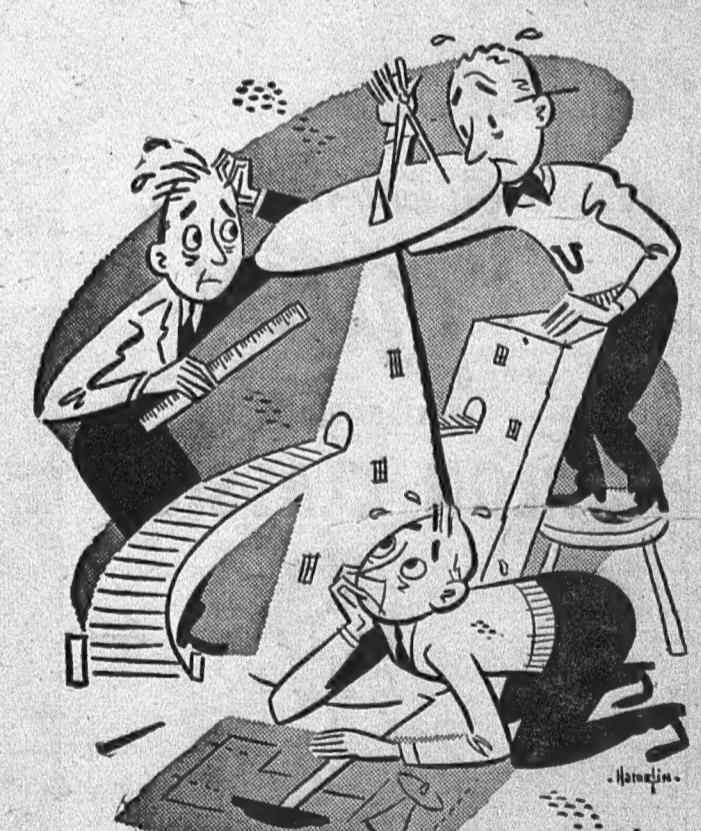
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Along Allan's Alley

By HARVIE ALLAN

Ronnie Meyers, the sports editor of The Manitoban, wrote a very interesting column recently. Ronnie was commenting on the Golden Bear-Saskatchewan series in which Ed Lucht racked up 88 points for a new Canadian record. The relevant points are as follows:

"It should serve the purpose of proving that Maury Van Vliet isn't the coach he's cracked up to be. The Bear mentor certainly didn't endear himself to many people by sending his team out to slaughter the weak Huskies. Why a coach would want to rub it in so badly beats us. Granted it was Lucht's last game in college ball, and Alberta wanted to give the hometown crowd a treat, so what? When a coach tries to go American, and makes like Adolph Rupp, he ceases to be a good basketball teacher. United States college coaches are sick and tired of coaches like Rupp who want to show their power. Whether there are any repercussions remain to be seen, but certainly Van Vliet should be reprimanded for unethical tactics if not anything else."

Then Ronnie says he would like to hear comments on coaches who try to rack up big scores for the fun of it. So we will offer our two-bits' worth (the price of everything is inflated these days). Ron seems to have pictured Maury as a sadistic chap who runs around rubbing his hands in glee as astronomical scores are piled up.

We don't think that is the truth at all. Rather he is a top-notch coach, Ron's opinion to the contrary, who demands perfection in his players. He has brought along players like Lucht to such a stage that perfection results in the Golden Bears hitting the century mark quite frequently of late.

Just because the other teams don't have players of the calibre that marks that of Alberta's squad, is Maury supposed to lower his standards? Nothing much would be accomplished by that. It would be more worthwhile if the other teams raised theirs.

Right now Alberta is riding at the top of a cycle as far as basketball is concerned. In a few years the other squads will probably be beating the Golden Bears substantially as they get stronger. When that happens, we don't think Maury will get out the crying towel. He'll just take his lumps silently and set about building the Bruins back up again.

Getting back to the series proper, we don't think the coach was trying to rub anything in. When Ed popped in 22 points in the first quarter, it was evident that something was going to happen. Maury certainly wouldn't want to yank Ed then. He had seen Lucht develop into a top-notch player and, indeed, was responsible for that development. He had seen the potentialities of the Bruin centre, and why should he deny himself the sight of seeing the fulfilment of these potentialities? Is that rubbing it in? We think not.

Just because a player is good, he shouldn't have to sit on the bench. Just because a team is so much better than its opponents, it shouldn't be told to roll over and play dead. That would be just as detrimental to the sport as Ron claims the Bears' huge victories are.

We think Maury proved that he wasn't trying to rub anything in, when Ed didn't play on Saturday. If he was, then Lucht would have been sent into the fray to rack up another phenomenal total. But Maury had seen how good his product really was on Friday, and that was enough for him.

We can't help wondering what Ron's comments would have been about Bison coach Bud Fraser if some Bison, say Sam Dolhun, had potted 88 points as the Manitobans walked over some team 114-37.

Theatre Study To Be Offered

A summer course in Theatre Study will be inaugurated during the Stratford Festival season this year. The course will run from July 26th to August 11th and will be open to a limited number of selected students who give evidence of being seriously engaged in professional or amateur theatrical work—actors, directors, designers, or technicians.

Cecil Clarke, who organized and was Director of the Old Vic Theatre School in London, England, before he came to the Canadian Stratford, will be personally supervising the Stratford Festival course. "Experience",

says the Artistic Director of the Stratford Festival, "is not essential. The aim of the course is to stimulate and interest the students in theatre as a whole."

The study curriculum will include

classes in speech and diction, fencing and the handling of weapons used in stage fights, make-up, study of the main schools of drama, rehearsal of actual scenes and lectures on various aspects of the theatre.

The Festival summer course will run during the middle of the Festival season, a three-play repertoire extending from June 28th to August 21st. The plays will be Shakespeare's *Measure for Measure*; *Taming of the Shrew*; and Sophocles' *Oedipus Rex*. James Mason will be the leading star, supported by a Canadian cast of sixty.

The Thursday edition of The Ubyssey gleefully told of the kidnapping and exposed the cannon hoax, while an editorial chided McKay for not bothering to attend the ball. Retaliation by the engineers is expected.

Health Problems Surveyed By WHO

"The objective of the World Health Organization is to assist its member countries in their health problems," said Miss L. Creelman, nursing consultant for the nursing section of WHO, to student nurses on Tuesday.

A team of two nurses is sent by WHO into a country to survey health problems. The team then sends in a report to WHO.

Miss Creelman expressed the need to work in cooperation with the country rather than go in and do the job for them. She added that nurses going into a country must understand the superstitions, religious beliefs, customs and culture of the people because they affect health standards.

Miss Creelman said that people with teaching and supervisor training are needed, as are nurses with public health training.

NFCUS Fees Up At Manitoba

University of Manitoba students Union agreed to a 50-cent raise in Students' Union fees last week in order that the university may become a full member of the National Federation of Canadian University Students.

NFCUS fees were raised last year at the national conference at McGill University in November. Most of the delegates to the conference were agreed that there was a need for a fee increase, and only the delegate from the University of British Columbia was violently opposed to the idea.

The Students Council here at Alberta has increased the appropriation to NFCUS without raising the fees in general.

Union members at Manitoba have also agreed to a raise of \$1.50 in their fees for an accident insurance plan for students. Both requests for fee increases have yet to be approved by the board of governors.

World University Service was given a \$300 grant so that a Manitoba delegate may be sent to the seminar in Europe this summer.

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JACK LYNDON—The big Bear goalie had an easy time in Vancouver, but was hot when he had to be.

CY ING—Bear forward, scored one goal and was kingpin on the powerful Drake, Ing, Stewart line.

Week Of Tomfoolery At UBC Highlighted By Kidnapping

VANCOUVER (CUP)—A week of kidnapping and thefts at University of British Columbia was climaxed Wednesday night when staff members of Ubyssey, the undergraduate paper, abducted the vice-president of the Engineering Undergraduate

student body and made him miss the engineers' ball.

The shenanigans started last week with the annual engineers' issue of The Ubyssey. In the paper, engineers claimed they had stolen a 400-pound

cannon from Royal Roads Tri-

Service college in Victoria.

Later, investigations revealed they

had failed in their bid for the cannon

and had retrieved only the canvas

cover for the cannon. COTC members

at UBC immediately stole the

cover from the engineering building

and sent it back to Royal Roads.

They followed this up by breaking

into the engineers' cannon room and

making off with "Joe Blotz," engi-

neers' legendary mechanical dummy.

Engineers, fortified with lawyers

and police, retrieved "Joe."

Then Ubyssey, bitter rivals of the

engineers on the UBC campus, grabbed the EUS executive just be-

fore the ball. Patrons and head-table

guests were left waiting at the ball

after Ubyssey staffers captured Mc-

Kay at his home.

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napping and exposed the cannon

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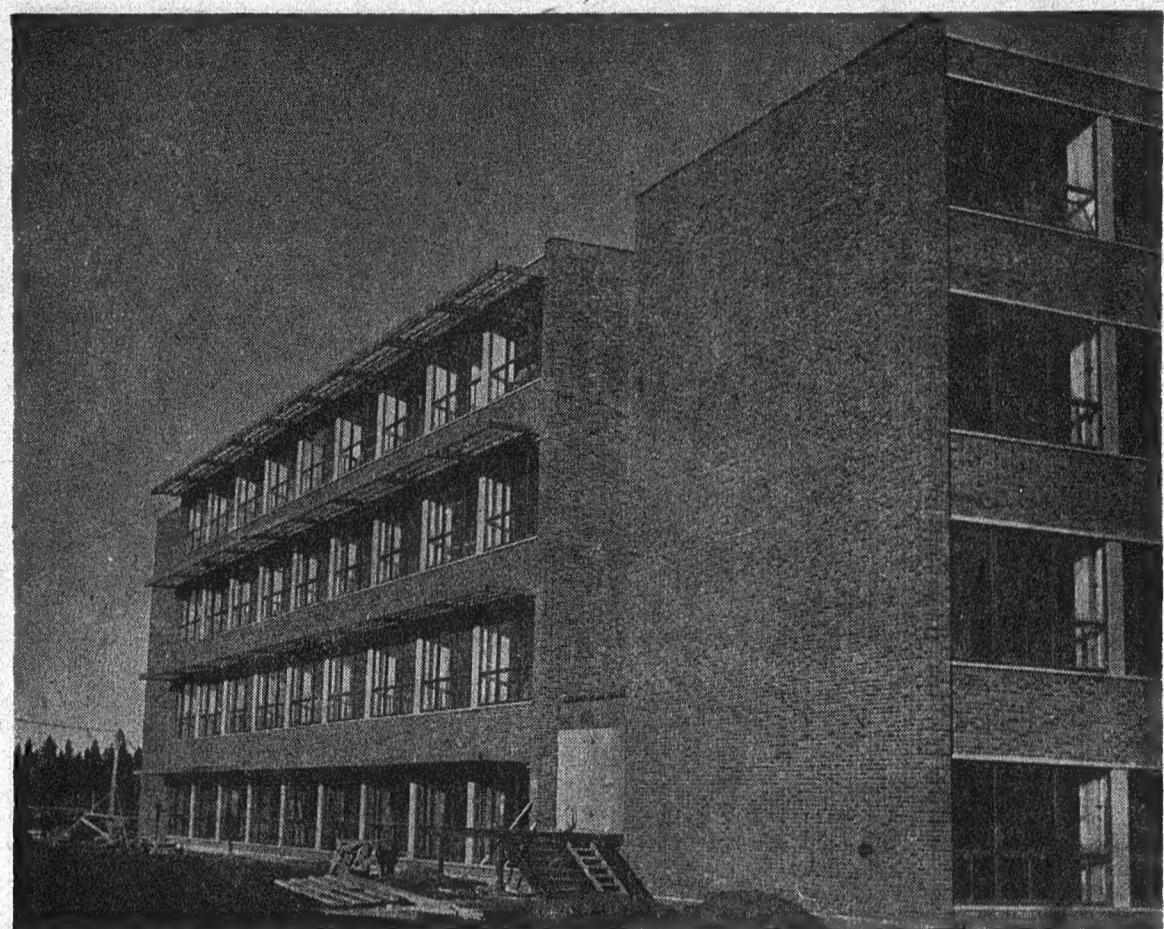
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New Agricultural Building To Be Ready For Fall Of '54

If work progresses according to schedule, the Agricultural building will be ready for use when classes recommence this fall.

In spite of its 54,000 square feet of floor space, the new building will not contain enough room for all of the departments which come under the faculty of agriculture. This may seem surprising to some for there are fewer than 100 students registered in the faculty, while the new building will be almost as large as the recently opened Engineering building.

One of the main reasons for this seemingly exorbitant size is that a large part of the space will be used for research. A great amount of research is necessary here since private industry undertakes practically no research in agriculture, and since local conditions invalidate much of the work which has been done in other countries.

Begin In April

Construction was started last April. The contract price for the building was just under \$800,000 while the total cost is expected to be nearly \$1,000,000. It is hoped that greenhouse facilities will be provided in the adjoining site. The building itself is so designed that another

wing may be added without difficulty. The second wing would make use of the elevator, stairway, and washroom facilities which will be located in the western part of the structure.

Forethought in design is shown in the interior of the building where a four foot module has been adopted. This means, in effect, that most of the interior partitions may be changed if future requirements dictate different sizes or shapes of the rooms.

The rooms will be equipped with controls that the temperature may be varied over a wide range while the humidity is controlled within narrower limits. Facilities will also be provided for refrigeration and forced air drying of food samples.

Plant science which is the largest department in the faculty, will occupy part of the first floor and all of the third floor. Facilities will include milling, baking and crop quality testing equipment, with specially designed rooms housing protein research.

The soils department will utilize part of the first floor and all of the second floor. A laboratory and equipment will be provided for testing soil samples submitted for analysis by agriculturalists and horticulturists.

Accommodation will be provided on the first floor for the Alberta Soil Survey department. This is a service carried on jointly by the Canadian Department of Agriculture, The Research Council of Alberta and the University of Alberta.

Faculty Offices

The offices of the dean of the faculty of agriculture will be located on the second floor in what will become the central part of the building, as soon as the second wing is added. The Dean's office, offices of animal science, plant science and soils will occupy more than thirty small rooms. The remainder of the building is devoted to research laboratories already mentioned, students laboratories and four multiple purpose classrooms.

Students, graduate students and faculty members are pleased with the beauty of the new building. The fourth floor provides a vantage point from which one may obtain an unimpeded view of North Saskatchewan river, the high level bridge and central Edmonton.

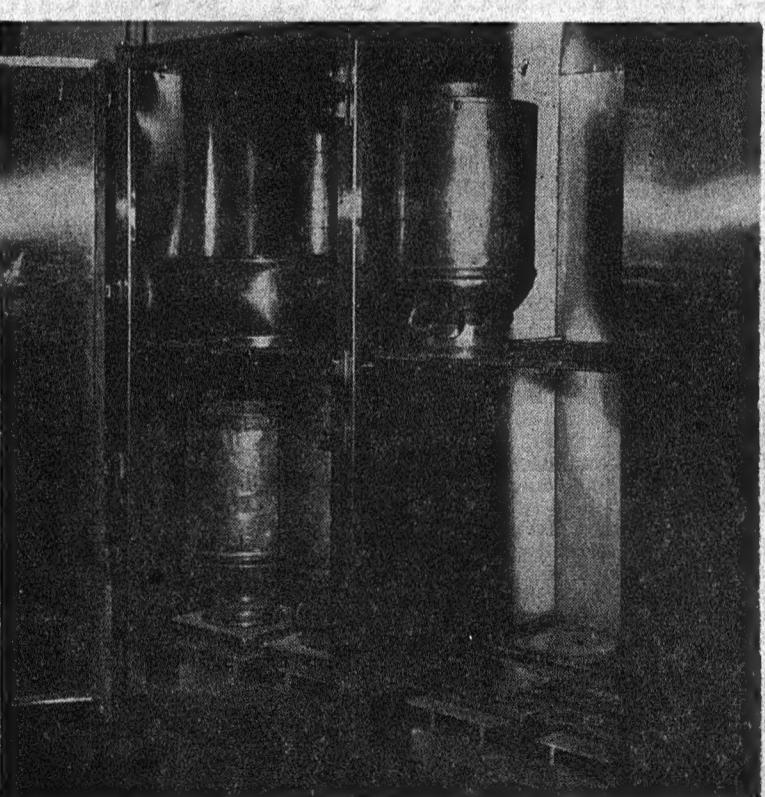
The Agricultural building represents for this university, another long step forward, but to the three departments which will move in next summer it means far more. For the first time since the faculty was formed in 1915, they will have adequate space available.



WAITING THEIR TURN for the milking machine is the university's fine herd of purebred Holsteins.



ABOVE IS A GROUP of senior animal husbandry students studying a class of Jersey cows in their advanced judging course at the university livestock pavilion.



SHOWN ABOVE is the recently installed electric dairy utensile sterilizer in the newly constructed milk parlor on the University Farm. Photos by Wright.

Fifth Time Public Invited To See Agricultural Display

Once again Varsity Guest weekend is approaching. This is the time when we of the university have a chance to show the public what things are going on at the university, what the students are doing and what is going on in the line of research. The faculty of agriculture, which is now a part of this function, is hoping that all that have the chance will come and see just what they are doing in the line of activities and research.

Fifth Time

This year will mark the fifth time that the public has been invited to come and "look over" the work carried on in the faculty of agriculture and it will be the third year that the whole campus has been thrown open to inspection. Prior to the advent of Varsity Guest weekend the function was known as agricultural field day and high school students, business men and other interested people were invited to view displays set up by the faculty of agriculture. The event was so successful that the Students Union felt that much could be gained by including the whole of the campus rather than just the one faculty. Thus the inauguration of Varsity Guest weekend three years ago.

Guided Tours

As a part of this function, the faculty of agriculture will continue to set up its displays as in the past and conduct guided tours for all who wish to observe them. In the past it has been the practice of each department to set up displays in an attempt to show all facets of the work being done in that department. It was found that such organization created a large number of displays and while it made rather complete coverage of agriculture, there were several undesirable characteristics.

In the first place, it required too much time for visitors to visit all the displays, and as a result many of them did not get a chance to see all the displays in the other faculties that they would have liked. In the second place, each phase of the work done in agriculture was presented as a separate entity, which in reality it is not. All work that is done is carried on with the idea that it will eventually help the farmer with his problems of management, and as such the various phases of work are tied very closely to one another.

It is to be hoped that all those who are able will come out to see these displays. The whole campus will be contributing to the success of the event and it is to be hoped that the public will make the best advantage of it.

Overall Theme

With this in mind, then, the displays of this year will be, first of all, cut down in number, and secondly, an attempt will be made to work them all into a central over-all theme. The theme this year, "Science and Agriculture of the Future," will be designed to show how one phase of the work in each of the departments may eventually be tied into the over-all picture of agriculture.

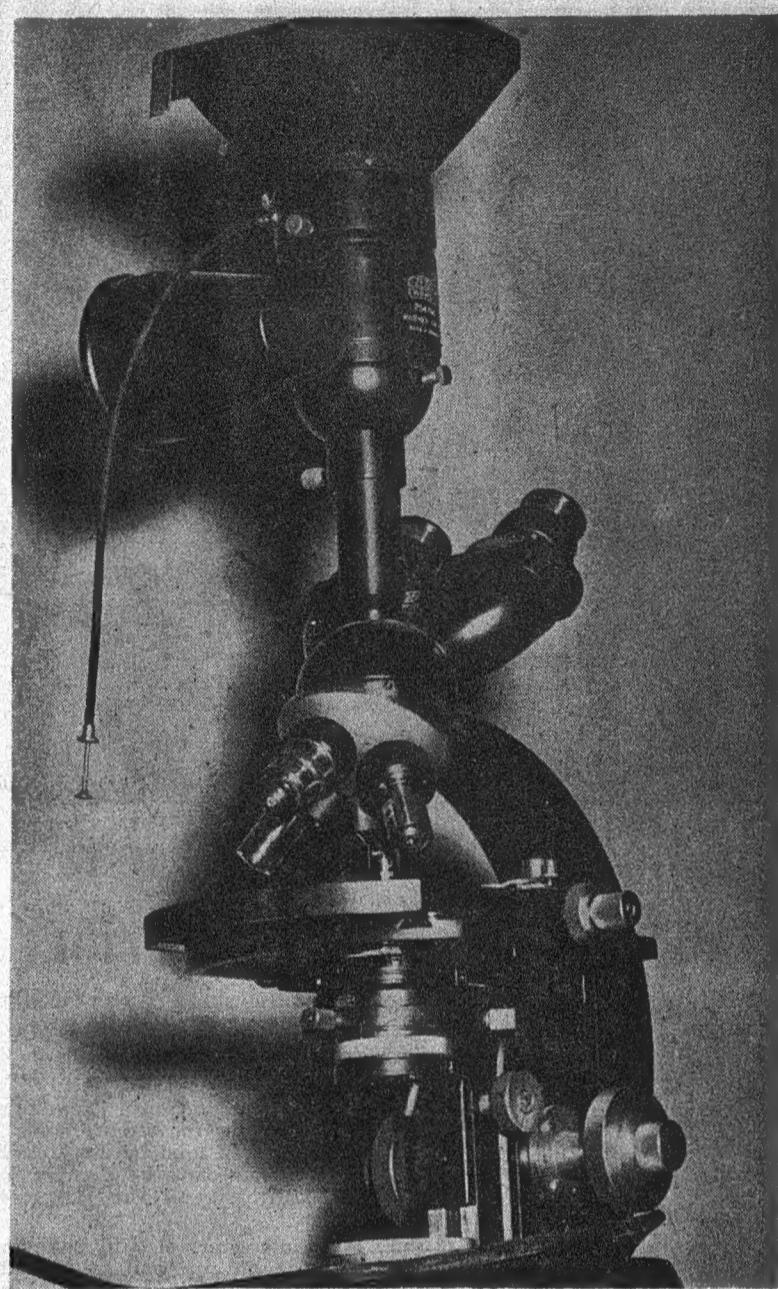
For example, the agricultural engineering department will display a remote-control mower and the soils department will display a geiger counter used to trace the progress of radioactive fertilizer in the plants. It will be shown how, some time in the near future, these two devices could be used to aid the work of the farmer.

There will be one or two other displays not too closely connected with the main theme. These will include the dairy department's attempt to show the whole process of production and manufacture of dairy products. As usual, the university animal science farm will be opened to the public and bus service to and from the farm will be provided, along with guided tours on the farm itself.

Registration

Registration for all visitors will be in the Arts and Medical buildings and there will be guides there from the faculty of agriculture to escort all those who wish to see the agricultural displays. The displays will be fewer in number this year and attempts will be made to eliminate the bottlenecks which occurred last year so that the time unoccupied on the tour will be relatively short. This will mean that those on the ag tour who wish to see other faculty displays may do so.

It is to be hoped that all those who are able will come out to see these displays. The whole campus will be contributing to the success of the event and it is to be hoped that the public will make the best advantage of it.



Costly Zeiss Microscope Assists Plant Scientists

Human eyes are really inadequate for more than the superficial. To compensate for this, man has designed magnifying lenses and fitted these into various instruments. Among the most useful is the microscope.

The plant science department is fortunate in having several recent models of binocular microscopes at its disposal. These are used to study the inside of plant cells to determine the effects of chemical weed killers, X-ray, and other treatments upon the inherited characteristics of crop plants.

It is much more dependable to look inside cells for abnormalities than to observe the growing plants in their irregular environments. In addition, some desirable variations from the normal can be identified by microscopic examinations. These desirable variations can be propagated more easily if the exact factors involved are known.

Zeiss Model Popular

One of the best microscopes here at the university is a Zeiss Winkler. This microscope, with its several attachments cost \$1,200. The original design by Mr. Zeiss came from the Russian sector of Germany. All microscopes bearing the name Zeiss now go to Russia. This microscope was obtained from the American sector of Germany where Mr. Winkler established a factory after escaping from the eastern sector. By unknown means, the lenses for this microscope came from the Russian sector of Germany.

The lenses and oculars are apochromatic, or corrected to eliminate spherical and color aberrations. Another outstanding feature is the built-in rheostatically controlled light. This overcomes the necessity for carefully placing a light by the microscope and adjusting a mirror to deflect the light up through the lenses.

Built-in Camera

This microscope, with its four objective lenses can magnify up to 2,000 times. This magnification can be doubled by enlarging pictures taken on its built-in camera. This camera overcomes some former difficulties of taking pictures of microscopic fields. It is attached on top of microscope. When the field is in focus by the eyepiece the camera is also in focus. This simplifies photography to such an extent that one person can take and develop eighty pictures a day.

The newest microscope brought into the department is a Zeiss Opton, costing \$1,600. This has all the advantages of the other microscope with the exception of the camera. In addition it has twelve possible magnifications and a phase attachment. The phase exploits the differences in refractive indexes of various cell components to give a clearer image.

Routine Cytology

For routine cytology or study of the cells, and older Zeiss and two Reichert microscopes are used. One of the Reicherts has a phase attachment. Otherwise the microscopes have separate lights and ordinary lenses. Nevertheless they are very good magnifying instruments costing \$400 to \$600 each.

The unknown, unexplained and uncontrollable exist all around us as mysteries. This situation does not need to persist. Man now has many facilities with which to improve his feeble senses, and thus discover more about the world in which he lives.

Dean Of Agriculture Extends Greetings



DEAN A. G. McCALLA

Students and staff of the faculty of agriculture extend cordial greetings to all visitors who come to the campus for Varsity Guest weekend. We welcome the opportunity to show you something of our work.

This faculty was organized in 1915 and graduated its first class in 1918. Since that time 830 have received the bachelor's degree. Many of these students have gone on to graduate work, 108 having received the Ph.D. degree. Our graduates are found in all phases of agricultural work—farming, teaching, administration, extension, and research. About 25 per cent are employed in business and industry, 23 per cent by the government of Canada, 14 per cent by provincial governments, and about 19 per cent are farming. It can be safely said that no other type of training offers university graduates a wider opportunity than does the training in agriculture. The demand for graduates expands as scientific principles are more and more extensively applied to the production and marketing of agricultural materials.

The faculty extends special greetings to high school students who visit the campus. Visitors' day was first a project of the faculty of agriculture, four years ago. Last year it was part of Varsity Guest weekend and again this year the Ags are happy to take part in the larger program. As usual, however, we hope that all visitors will see the agricultural exhibits, visit the farm, and ask questions regarding our work and the agriculture program at the university. We will do our best to see that you are not disappointed.

A. G. McCalla,

Dean, Faculty of Agriculture.

(Editor's Note: Dean McCalla graduated from the University of Alberta in Agriculture in 1929. He is thus a member of class '29 and as such will be an honorary patron at the forthcoming Alumni Ball.)

TWO THOUSAND ATTEND LAST YEAR'S FIELD DAY

Last year the Agricultural Field day, held in connection with Varsity Guest Weekend, attracted an estimated 2,000 people who took in the agricultural displays on the campus and also toured the farm.

Campus Still Waits, Dreams For Long Planned Stage Two

Stage Two—a challenge to a few on the campus, a vague dream of a campus swimming pool to some, and the parking lot behind the present Students Union building to most.

Stage Two would embody a gymnasium to supplement the present drill hall; a dance studio, remedial rooms, handball courts, special exercising room, and so on and, best of all in the minds of many, a campus swimming pool.

Need Increasing

Although the need for Stage Two is becoming more and more apparent as demands on present university facilities become heavier and heavier, there is no set date as yet for starting the project. Much of Stage One is yet to be paid for, and there is a heavy demand for other university buildings.

The present Students Union building was designed to be incorporated with Stage Two when the latter was completed. Site for Stage Two is directly south of the present building.

In January, 1952, Students Council

decided to shelve plans for Stage Two, mainly because of the heavy cost, over \$1,000,000. The university board of governors would not at that time support the project because of other buildings planned on the campus, such as the engineering and agriculture buildings.

Here the matter has rested. Present council members are all behind the project, but little has been done about it. A recent Gateway editorial recently brought Stage Two back into the public eye, and the need for the program has been emphasized by the physical education department. The ball may be rolling again.

Planning Began in '20

In the early 1920's, students first voiced opinions about having a Students Union building, discussing a student gymnasium. This was just

talked about until 1930, when a financial scheme for the project was voted on—and turned down—by the student body.

Other efforts to put a building scheme through were inaugurated in 1934 and 1936, and in this year council set up a \$1-per-student-per-year building fund. Enthusiasm mounted, but plans were shelved during the war.

After the war, with the great increase in university enrolment, plans again got rolling. Rule, Wynn & Rule, architects, drew up plans for the council's dream.

Dreams, Present and Future

In February, 1948, students voted 1,484 to 501 to carry out Stage One. That same month a Gateway poll revealed that 68 per cent of the student body favored a bar for beer sales included in the plans. The first project was approved; nothing was done about the second.

In the summer of 1948 the drill hall was moved to its present site

from SUB's present site, first step in the project. Late that summer, work on the present building started. On July 11, 1948, E. C. Manning laid the cornerstone for the present building.

In 1950, Stage One was completed. Stage Two is still on paper—a challenge to future students.



Studio Theatre To Present Plautus' 'Braggart Warrior'

Although the current production on the stage of the Studio Theatre, *The Braggart Warrior*, takes place in ancient Rome, the student cast before rehearsal appears truly Albertan.

However, within ten minutes after the beginning of their rehearsals, they have peeled off parkas and winter overcoats and have been transformed into gay toga-clad aristocrats and slaves of the sunny streets of Rome, 200 B.C.

As one of the male members of the cast remarked, "—it takes a little time to get used to a tunic the length of a sport coat, when you have been used to wearing trousers all your life."

Most of us remember Rome as the conqueror of the world—Nero, and circuses, and we sometimes forget that it also bequeathed a vast amount of literature to the civilized world.

Humor Famous
Plautus, the author of *The Braggart Warrior*, wrote almost 130 plays, most of which were comedies written in the style of this play.

Much of the humor has survived until the present day. The old chestnut, "See that you make a

clean job of it!" Answer "How can I help it, I've just mashed my hands," which has been used by music hall and radio comedians for decades, is lifted right out of *The Braggart Warrior*.

It is interesting also to note an inscription on the wall of an old Roman theatre, "The actor who has made a mistake will be beaten, he who has not will receive a drink." Actors of those times were barred from military service because they were felt to be an upsetting influence on their comrades in arms.

It is also reported that St. Jerome, after a night of penance and weeping, sought laughter by reading *Plautus*.

All Student Cast

The cast, taken from the Drama division classes in acting takes in actors from the width and breadth of Alberta; Roy Gouchey from Sexsmith, Ernest Zutz from Stony

Class Of '29 To Be Honored By Alumni At Guest Weekend

Second Alum Film To be Taken

The Alumni association is shooting a second film on the campus. The theme of the 20-minute film will be campus activities in which the majority of students participate. A few hundred feet have been taken of the University of Alberta mixed chorus.

Other items to be filmed are the university symphony, the Studio Theatre production, "The Braggart Warrior"; excerpts from Varsity Guest weekend, including the varieties, displays and registration; the Golden Bears in action; varsity color night, interior shots of the library showing students at work; and brief retakes of spring convocation, 1954.

The film is being produced by A. G. Markle, alumni secretary; Dr. A. J. Cook, head of the student advisory services; and Bob Edgar, public relations officer for Varsity Guest weekend, and is being filmed by Nick Zubko of the extension department of the university. Approximate cost of the film is \$700.

The film will be used for future publicity for Varsity Guest weekend and as general publicity for the university. It will also be used by the Alumni association for alumni meetings throughout Alberta and abroad. The film will be sent to high schools for career nights to acquaint the students with university life.

The first film was of the spring convocation in color. It met with such success that a second one with a general theme was planned.

Plain, Miriam Zysblat of Calgary, Garry Fowler from Edmonton, Janet Wiley from Rimley, Ethel Asuchak from Ft. Macleod, Garfield Potvin from Vermilion, Elaine Almille from Lethbridge, Robert MacQuarrie from Nordegg, with 36 others spotted in many towns and cities in the province.

At last, with this production, a goal of the Drama division has been realized. Students undergoing training in the skills of acting are now able to offer their talents in a major production. It is hoped that in the future it will be possible to continue to do one student production a year.

Each year the university honors the graduating class of 25 years ago at the combined Varsity Guest weekend and the Alumni Homecoming weekend. This year we salute the class of '29.

Anus Mirabilis they called that year, and quite probably that is what it was. Donald Cameron, editor of the Evergreen and Gold, said "the phrase touched the imagination of many."

Dr. Broadus, then professor of English literature, wrote a history of the university that year which speaks for itself:

"Our Annus Mirabilis! Out of the mouth of babes and sucklings! How could any lover of Dryden resist the savor of that? For it has been—is being—an Annus Mirabilis; and perhaps it is not altogether inappropriate that among the celebrants should be one whose memories antedate childhood, and go back to the time when a president and four professors and some 35 students assembled in the attic of a Strathcona public school and said, with whatever misgivings, "This is a university." There weren't any books, there wasn't any laboratory apparatus or anywhere to put books or apparatus if we had had them. There wasn't anything

that the rankest flattery could call a curriculum, and there was only the loosest beginning of an organization. And half the time the president and four professors were dodging about the sparsely settled province from village to village, from rabbit path to rabbit path, trying to carry the university to the people. I think that even the prairie-dog villages would have been included in our itineraries if the habits of the prairie-dog had been a little more encouraging. Our audiences, with no holes to pop into, usually stuck it to the bitter end."

The term of 1928-29 opened with the installation of Dr. R. C. Wallace as new university president in one of the most elaborate convocation ceremonies ever witnessed on this campus.

Speakers at convocation included Dr. Henry Marshall Tory, first president of the university, Dr. R. L. Rutherford, Chancellor of the university, Rt. Hon. R. B. Bennet and Premier J. S. Brownlee.

Women's Intervarsity Sports To Highlight List Of Events

Intervarsity competition in three women's sports, figure-skating, swimming and volleyball, is scheduled for Varsity Guest weekend.

Teams from Alberta and Saskatchewan will compete on Saturday, Feb. 27, for the Landa trophy, symbolic of intervarsity volleyball supremacy. Alberta won the trophy for the first time last year.

Pat Austin of the physical education department has been coaching Alberta's team twice a week for the last two months. She recently cut the team to 12 members. Shirley Evans, Nora Olsen, Barbara Beaton, Jolly Smart and Christie Brown are the tentative boosters.

Shirley Wilson, Joyce Mattson, Pat Hardy, Lynne Houston, Sandra Mandy, and Betty Porter, have already been accepted on the team, which must eventually be cut to ten, in

order to conform to W.C.I.A.U. regulations.

Figure Skating

The Irving Kline Memorial trophy is the bone of contention between the U of A and the U of S figure-skating teams. For the past two years Alberta has eked out victories by very narrow margins.

Coach Donna Knight has been trying to get her squad going for a month and has met with a series of obstacles, such as people not showing up for practices, the warm weather, etc.

So far, the team is made up of Fay Inglis, Anne Becker, Pat King and Claire Willicroft. Fay Inglis is skating the senior solo and figures. Anne Becker and Fay Inglis are skating the senior dance. The senior pair, free skating, is being done by Anne Becker and Pat King. Claire Willicroft is skating in the intermediate class.

Places at publication time are still open on the team for a junior and junior-dance pair. Competitions begin at 7 p.m. Friday at the Varsity rink.

Swim Meet Saturday

The highlight of this weekend always seems to be the swim meet, to be held this year on Saturday, 2 to 5 p.m., at the Victoria Composite swimming pool with the Felstad trophy at stake.

Alberta's splashes include Connie Horeak, who figures to be the big gun for us again this year. Connie's specialty is her synchronized solo and she'll also enter in diving, the front and back crawl.

Gladys McCoy is another repeat on the team. Gladys is doing a synchronized solo and figures. Ellie Nichols, who copped the style swimming last year, is repeating on the team this year. Pat Crossman will swim with her.

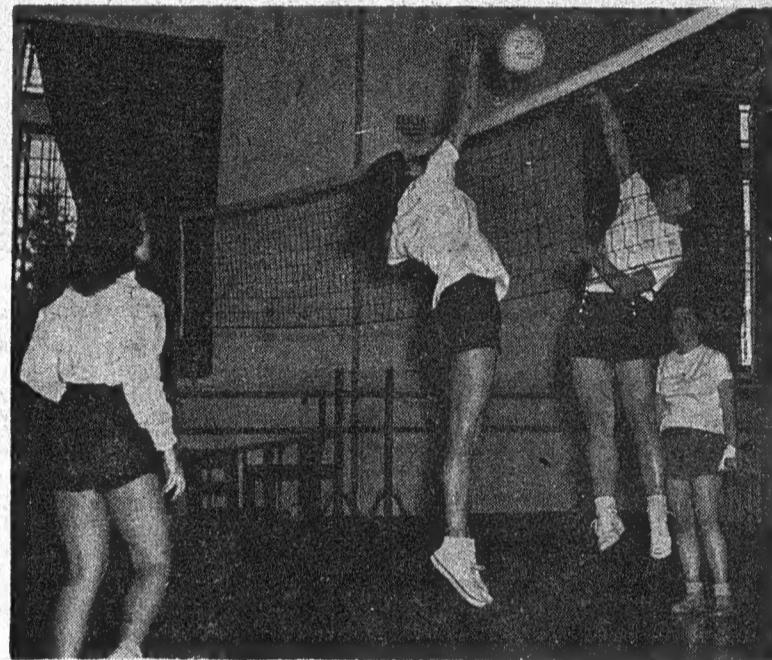
Sophomores on the team are Joan Kerr and Ann Hart. Joan's specialty is the breast stroke, where she uses the difficult "butterfly" breast stroke. She is also swimming the crawl, the front and back crawl.

Newcomers to the team are Joan Perverselt, Marlene Mosley and Judy Schlosser. Joan dives, Marlene is being entered in the back crawl and Judy completes the squad that will race in the front crawl.

Subs on the team are Betty and Jean Robertson and Jennifer Jellis. Doris Elliott is the coach of the team.



MEMBERS OF THE UNIVERSITY WOMEN'S SWIM TEAM are to compete Saturday, Feb. 27 with the team from Saskatchewan in the Vic pool.



VOLLEYBALL ACTION will highlight the weekend of sports events for the women of the campus in two series to be played Friday and Saturday.



Annual Varsity Varieties Slated For Friday, Saturday

Highlight of Varsity Guest weekend will be the annual Varsity Varieties to be held Friday and Saturday nights.

Music Club's Sunday Concert To Feature Trio

The University Music club will present its final concert in Convocation hall on Feb. 28 at 3:15 p.m. Appearing on the program will be "The University Trio," composed of Donna Parker, pianist; Jane Ann Robinson, cellist; and Ruth Chenevilles, violinist.

The trio will present the "Trio in C Major" (third movement), and the "Schizzo" by Mendelssohn.

Also featured on the program will be Robert Smith, baritone, and Aileen Hartwig, pianist.

The music club has had a successful year under the presidency of Ron Dougan, having presented a number of well-attended performances.

Organized by the Golden Key society, the show is again directed by Jack Unwin. Unwin is assisted by choreographer Marie Candlish, who has had many years' experience handling dance routines.

Al Aitfield, famous for his skits, will produce two numbers in this year's show. Diane Gittens and Nancy Collinge, both former students, are returning to the show to take part in two acts.

The show will be composed of a group of variety numbers depicting a day in the life of a college student residing in a boarding house. There will be about 20 acts involving a cast of over 40.

The varieties will be presented on Friday, Feb. 26, at 9 p.m. in the education auditorium. Friday night's show will honor special rights for university students.

Another show will be held on Saturday night, Feb. 27, at 8:15 p.m. in Convocation hall especially for the alumni.

Bears To Battle Union Jacks And Rockets Over Weekend

Alberta's Golden Bears, now known to Canada as the Cinderella team that last year almost snatched the Dominion basketball crown from under the noses of highly-touted commercial teams both here and in the east, is fast becoming one of the great sport attractions in Western Canada.

Maury Van Vliet's 1954 edition of the Bears, currently riding on a 17-game winning streak, is being rated by basketball second guessers as the best ever to show at this university and possibly the strongest court aggregation in Canada.

Tight Matches Expected

Varsity Guest weekend visitors will have an opportunity to see the Bears in action when they play host to Magrath Rockets Friday and then Raymond's Union Jacks the following night in the only Edmonton appearances of these two squads.

Raymond Union Jacks, currently holding down second place in the Alberta Senior Basketball league, promise to give varsity its stiffest competition on its home floor this season.

Led by Al and Larry West and Ray Stevenson, the Union Jacks held Bears to a four-point margin on a Raymond floor last month.

Magrath, who always put up a good showing in Edmonton, will be bringing back flashy, diminutive Wes Rice and high-scoring Ty Alston.

Both encounters are scheduled for 7 p.m. at Varsity gym.

Bear Stalwarts Stand
Back in his senior year is six foot seven inch centre Ed Lucht, now, after four years on the team, a highly polished pivotman and ball-handler, just as smooth and consistent under the basket.

Don Macintosh, most-acclaimed college hoop star since Carl Ridd went to Manitoba, is playing his last year at the left forward slot. All-around athlete Macintosh, also No. 1 tennis star at Alberta, is probably the most effective man on the club.

Guard Don Newton, an almost invincible jump-shot artist when he's hot and a great ball-handler at all times, is the other graduating first-stringer.

The most outstanding future is destined to lanky forward Norm Macintosh, now having little difficulty keeping up the good name of that Calgary family.

Oscar Kruger, tricky and aggressive guard from Edmonton, and Arn Ottenbreit, a Regina product who proved he could handle himself with the best of competition in the Dominion finals, rounds out the list of regulars.

Mixed Chorus To Give Varied Program Saturday

Concert

Chorus

Concert

Over 5,000 Attend Guest Weekend

Successful 'Varieties' Feature Songs, Dances, Chorus Girls

"Varsity Varieties," staged Friday and Saturday nights by the Golden Key society, proved to be one of the outstanding events on the campus for Varsity Guest weekend, with capacity audiences present to hear and see the best in varsity talent.

The show was written and directed by Jack Unwin, assisted by Jim Redmond. Choreographer was Marie Candlish.

The setting of the entire show was Mrs. Pearson's varsity boarding house, with Flora Morrison cast as the landlady's daughter.

The first act depicted life at the boarding house during the day, starting with breakfast and ending with a football game. Songs by the cast, Ernie Chrustawka, the Campus Squares, the girls and others kept the show going at a lively pace.

Boarding House

Barney Hughes, one of the waiters, held the audience breathless when he did a handstand on three chairs, stacked one on top of the other, balanced on four coke bottles set on a table.

Al Affleck, with his record pantomimes of "Spaghetti Rag" and "C'est Si Bon," literally brought the house down. Coach "Al Affleck" Spookus of the Edmonton football team is especially to be recommended

for his discovery of play 65, popularly known as "I See You." This play apparent helped them win the game.

Varsity Night Life

The second half of the program was a series of song and dance numbers depicting the night life of a university student. "The uninvited," Jake Ens, Don Davis, and Jack Clemis seemed rather out of place in cowboy outfits and singing "Old 97" and "Lovesick Blues" at a formal.

Joy Moor sang a tempting version of "Temptation" to Norm Cristall.

Nancy Collinge got the sympathy of the audience when she told the story of her life.

The girls' chorus line did two numbers during the show, a tap dance number and a dance in the finale.

The finale included the whole cast, featuring the show's theme song, and brought the show to a climatic finish.

—R.J.

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International Service Emphasizes Brotherhood

Brotherhood was the theme of the inspiring Guest Weekend church service held Sunday morning in Convocation Hall.

In order to stress the international and interracial aspects of the campus, 12 students took their places on the platform, before a backdrop of foreign flags, to represent their homelands.

They were Michael Chomiak (Ukrainia), Olaf Gamborg (Denmark), Robert Ingyang (Nigeria), Aman Loan (Pakistan), George Moruzi (Romania), Yoon Soo Park (Korea), Harry Protopapapas (Greece), Bruce Saint (Barbados, B.W.I.), Gerhard A. Scholten (Holland), Ralph Soo (China), Maria Sporleder (Germany), and Jules A. Theodore (Trinidad).

The invocation was given by Dr. E. J. Thompson of St. Stephen's College. The scripture reading by Students Union president Doug Burns was from 13 Corinthians, dealing with the importance of charity.

President Andrew Stewart then introduced the three students who were to participate in the program.

Foreign Students Speak

Yoon Soo Park of Korea, who is doing graduate work here in physics, spoke of the religion of his homeland. He mentioned that although there are still elements of Confucianism, Buddhism and Taoism in Korea, the predominant religion is now Christianity. He attributed the unity of his country during its recent hardships of war to the strong Christian beliefs of its people.

Robert Ingyang, a Nigerian who is here studying dentistry, recalled the family life of his mother country. He mentioned that the principal of the Golden Rule is the basis under which children are raised. He also made a very interesting reference to the practice of the rotation of children among relatives which is common in his land.

The campus representative from Pakistan, Aman Loan, who is doing post-graduate work in engineering, gave an interesting description of his ancient homeland. In describing his family life, he pointed out that if the absolute honesty and love of mankind, as taught to their children, were applied on an international scale, there would be much less strife in the world.

Relate Religions—Salter

Following Mr. Loan's talk, the Mixed Chorus, accompanied by Prof. L. H. Nichols on the organ, sang

excerpts from a motet by Bach.

The next address heard was by Prof. F. M. Salter of the English department. Prof. Salter recalled his youth, (when he was a teacher in Nova Scotia) and a former negro slave whom he then had as a friend.

He went on to stress God's interracial love, and proposed the correlation of all religion as an answer to current problems.

After emphasizing the importance of accepting the concept of the equal creation of all men, Prof. Salter then mentioned the improvements which have been made along the lines of racial tolerance.

The service concluded with a benediction by Dr. E. J. Thompson.

When you support the Red Cross you identify yourself with each act of mercy that this great organization performs anywhere in the world. Your help is needed now.

1000 Attend Alumni Ball Held During Guest Weekend

Approximately 1,000 people attended the alumni homecoming ball in the Macdonald on Friday, Feb. 26.

The class of '29 was honored at this second annual alumni ball held in conjunction with Varsity Guest Weekend. Among those members of the class of '29 who were honored were Mr. B. Massey, Edmonton lawyer; Mr. D. Lendo, Vancouver; Mr. Eric Stuart, Calgary lawyer and president of the class of '29.

Mr. Walter Sprague organized the roaring '20s orchestra that was featured during the intermission, playing such numbers as the Blackbottom and the Charleston. Among those who participated in this orchestra were Dr. O. Rostrop and Alf McLean of the original band. Also on the class of '29 theme was a stock ticker which ticked off humorous notes on various members of the class.

Approximately ten couples attended from Calgary, while fewer attended from Red Deer and other points.

Pem. Entertains VGW Guests

Many guests were entertained in Pembina hall during Varsity Guest Weekend.

Miss Thora Rudi, president of the Calgary branch of the Wauneta society, and Miss Bernice Fockerd, secretary, were guests of the Pembinians.

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Annual Homecoming Claimed Best In University's History

With the number of visitors equaling last year's record 5,000, and displays considered by most to be better than those of previous years, this year's Varsity Guest Weekend may be referred to as the most successful such event in the university's history.

Actual registration on Saturday was 1,900, while estimated attendance for that day was 2,500, the remaining 2,500 visitors touring the campus on the preceding and succeeding days.

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'Love Thy Neighbor' Topic Discussed At Symposium

In conjunction with Brotherhood Week, a brotherhood symposium was held in the mixed lounge of the Students Union building on Wednesday evening, Feb. 24.

Three speakers were present. Min Takada, theology 1, gave the Protestant point of view. Joe Stanford, law 1, was the speaker for the Catholics, and Ed Wolfman, law 2, represented the Jewish views. Their theme was "Love Thy Brother as Thyself."

They enlarged it on a religious basis. Professor Wm. Rowan of the zoology department was the chairman of the meeting.

The purpose of the meeting was to arrive at the meaning of brotherhood and its place in modern life. Takada tried to show the practical application of the Protestant religion in various phases of life and everyday living. He covered a wide field with much scope.

Wolfman used many theological terms based on the Old Testament and made reference to many of the books. He said, "True brotherhood means not only toleration but mutual aid and cooperation. Brotherhood to the Jew is not only of word but of acts and deeds. This means not mere reconciliation of differences but ability of every man to live at peace with his neighbor no matter what race, color, creed or religion."

In his ten-minute talk, Stanford outlined many of the world's troubles of today and stated that "society is sick." He said that the brotherhood of man is based on the fatherhood of God, man being the likeness of God in that he has an intellect and will. "Men will not be swayed by abstract reasoning but they will respond to love. Life is larger than logic, and the thing that makes it larger is

love."

The symposium was sponsored jointly by the Canterbury and Hillock clubs, the Lutheran Students' Association, the Newman club, the Student Christian Movement, the Theolog club, and the Varsity Christian Fellowship.

The meeting was part of the contribution of University of Alberta students to the week of brotherhood which was sponsored by the Canadian Council of Christians and Jews.

Leonardo da Vinci is reported to have attended a dying man

for two weeks in a successful attempt to secure a cadaver for dissection purposes. Da Vinci made good use of the body, and became the first man to prepare sketches of bone cross-sections. Da Vinci has been accused of introducing the 20th century ahead of time, and this is further proof of that accusation.

In Alberta's school of medicine, each student aspiring to an M.D. must undergo the horrors of the "stiff lab". Despite the necessity of the anatomy lab and the beneficial results accrued, there are many who disapprove of its existence. For this reason, the medical faculty does not welcome publicity for the anatomy or physiology departments.

Those advocating abolishment of dissection and vivisection are fighting their own cause every time they consult a doctor. Nearly all medical

knowledge, say the doctors, stems from a fundamental understanding of anatomy.

The "stiff lab" consists of about 20 steel tables and twice that number of bone lockers. At the beginning of each school year, the tables are stocked with fresh cadavers of assorted sizes and shapes. Occasionally, during a shortage, it may be necessary to use specimens of an older vintage.

To the novice there is little attraction in the lab or its accoutrements. True, the lighting is good on a bright day, and a panoramic scene of the hind end of the medical building alleviates the mind from thoughts of horizontal human clay, but the omnipresent scents and vapors, and the sordid announcements of new discoveries, which are continually being made by the diligent, all tend to demoralize a person unused to the arts of the healers.

Most of the bodies are those of aged men, unclaimed, or donated with the approval of relatives. Female cadavers are relatively scarce. If relatives or benevolent societies claim a body, then that body will not be used.

Merle was flown to Saskatoon and taken to a suite in the city's best hotel. She then appeared at a pep rally in Convocation hall at the university. There were 2,000 men and five women in the audience.

The University of Saskatchewan hit 62 per cent in the blood drive.

The hoax was revealed by the Manitoban which was justly proud of itself.

Sask. Blood 'Star' Sparked

SASKATOON, (CUP)—The blood drive campaign at the University of Saskatchewan was sparked by the arrival of "Dawn Sommers", a Paramount starlet, for the big dance, the Bloody Brawl, held in connection with the blood drive.

The Sheaf, the undergraduate newspaper at the University of Saskatchewan, put out a full size newspaper, rather than the usual tabloid size, in her honor. A large and beautiful picture of the young starlet was featured on the front page. The paper reported that Miss Sommers was appearing in two recent pictures, "Money from Home" with Dean Martin and Jerry Lewis, and "Casanova's Big Night" with Bob Hope.

Nobody bothered to check her qualifications. The president of the students union and the President of

the university as well as many other people on the campus were taken in by the hoax.

Miss Sommers real name is Merle Anne Meyers, and she is a student at the University of Manitoba. The hoax was engineered by the Saskatchewan blood drive committee and the staff of the Manitoban, University of Manitoba undergraduate paper.

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Notice

Applications will be accepted at the Students Union office up to 5 p.m. on Tuesday, March 16, for the following positions during the forthcoming year:

Chairman NFCUS Committee—sits as a non-voting member of Students Council, represents the University of Alberta at the NFCUS conference.

Director of the Evergreen and Gold—complete responsibility for the 1954-55 yearbook—honorarium.

Advertising Manager of the Evergreen and Gold—10 per cent commission on all advertising in the yearbook—responsible for the sale and setting up of all advertising.

Photo Director—responsible for the organization and functioning of the Photography Directorate—work with Gateway and Evergreen and Gold—honorarium.

Public Relation Officer—responsible for the organization and functioning of Varsity Guest Weekend, Parliamentary and Civic Banquets and any other public relations activities—honorarium.

Advertising Manager for The Gateway—8 per cent commission on all Gateway advertising, responsible for the sale and setting up of all advertising.

Editor of Telephone Directory—in charge of editing and publishing of the 1954-55 directory—honorarium.

Editor of the Frosh Handbook—edit and produce the Frosh booklet in conjunction with the Golden Key Society.

President of the Radio Club—responsible for the organization and functioning of the Radio club in 1954.

Director of Light and Sound—responsible for the care of all equipment and for the organization of the light and sound crew—honorarium.

Signboard Man—salaried job—in charge of all signboards.

The business managers of the Mixed Chorus and the Symphony Orchestra shall be appointed by those clubs and ratified by Students Council.

Music Service

Music Listening Room, 310 Rutherford Library

The final three recorded plays presented by the Music Listening Room, Rutherford Library are as follows:

Thursday, March 4th, 7:30 p.m.

T. S. Eliot's MURDER IN THE CATHEDRAL with Robert Donat. The Old Vic Company. London Recording.

Thursday, March 18th, 7:30 p.m.

Stephen Vincent Benet's JOHN BROWN'S BODY, with Raymond Massey, Tyrone Power, Judith Anderson, etc. Columbia Masterworks. London Recording.

Thursday, April 1st, 7:30 p.m.

William Shakespeare's ROMEO AND JULIET with Claire Bloom, Alan Badel. Old Civ Company. London Recording.

da Vinci Began Study On Cadavers For Meds

By Art Alexander

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Grecians Offer Tour Information

Information regarding facilities offered by the national tourist organization in Greece to foreign students and professors touring that country may be obtained at the registrar's office.

The organization recently sent an information sheet, "Reductions and Facilities to Foreign Professors and Students," to the registrar.

Pi Phi President Visits Campus

Grand president of the Pi Beta Phi fraternity, Mrs. Robert S. Wild of Washington, D.C., visited this campus on Monday and Tuesday.

This is the second time in the history of this campus fraternity that it has been visited by the grand president. Mrs. Wild left Wednesday morning for Seattle, where she will visit the Pi Beta Phi fraternity on the University of Washington campus.

The annual formal of the Pi Beta Phi fraternity in the form of a supper dance was held in the Macdonald on Friday, Feb. 26. Approximately 100 persons attended.

Patrons of the dance were Mrs. C. W. Hanna and Mrs. F. A. Wyatt. Ann Parney was convener for the dance.

Private Enterprise Essential Claims Garnet Page Of NFCUS

"You should think about private enterprise as being fundamental to the continued preservation of our Canadian educational system, our scientific and industrial strength, and our culture," said Dr. Garnet T. Page, honorary president of the National Federation of Canadian University Students, visiting the University of Alberta, Thursday.

Dr. Page spoke at a luncheon meeting of representatives of Students Council, the Golden Key society, and other campus organizations.

He began his address by discussing education. He stressed the value, even in a technical education, of the liberal arts. "We should not graduate merely in trained skills, but with understanding and with the wisdom which comes from understanding."

Turning to the subject of culture, Dr. Page remarked that "our universities have a great responsibility, not only of handing down our cultural heritage, but also for cultivating in our minds the intellectual discipline necessary to be adequate citizens"

He then discussed the nature of liberty and government. He warned against confusing "people" who have "reason, freedom of choice, and liberty" with the "masses." He rejected "two false concepts of liberty"—extreme individualism and collectivism.

He stressed the importance of free enterprise and private property in a free society.

"The only way to dispense entirely with capital . . . is to go out into the woods and run around naked," he said.

Dr. Page related the fundamentals

he had been discussing to the Canadian student. "You have a responsibility . . . not only of knowing about these matters, but of applying your knowledge in your affairs."

He mentioned especially Canadian foreign policy, free enterprise, and totalitarianism versus freedom as subjects which should be studied.

"Yes," he said, "you should even think and talk about communism. For you must learn about it to defeat it . . . But communism should never be taught to you by communists. That would be like calling criminals in to teach you criminal law."

He warned that NFCUS should not join the International Union of Students, if it was to fulfill its functions, which he described. The IUS, he declared, "is unquestionably communist, and its very constitution is patterned in detail on the constitution of the Communist International."

He further warned against communist attempts to infiltrate NFCUS itself, commenting on "the ease with which an experienced communist worker could have committed you, in principle and quite officially, to policies contrary to your beliefs."

Dr. Page expressed his interest in NFCUS and his high opinion of its work, which he termed "most encouraging." Through such organizations, he said, students "can participate not only in the attainment of national progress, but also in the development of increased understanding among the world's potential leaders."

He listed a number of the accomplishments of NFCUS and declared that "whatever its shortcomings—and unfortunately there are shortcomings—your national body has certainly proved itself."

Dr. Page concluded his address with a stirring appeal for student action in NFCUS. "You are NFCUS, and it is entirely up to you whether you make or break it . . . It would be ridiculous for you to sit back and vociferously demand that NFCUS do things. You are NFCUS, and you have got to get these things done."

Notice Board

RESIDENCE DANCE

A Residence House rance will be held in Athabasca Hall, Saturday from 9 to 12. Frank McCleavy will be providing the music.

MIXED CHORUS

Mixed Chorus rehearsal is to be held Saturday at 1:30 in preparation for this year's recordings to be made at the concert at First Presbyterian Church on Wednesday, March 10. Full attendance is required.

FLYING CLUB

The University Flying club will hold its final outing and annual elections on Monday at 4:30 p.m. in the Students Union building, room 309.

Plans for a "flying breakfast" in the near future will be discussed. A complete turnout is necessary, and action may be taken against absentees.

SOCIAL WORK

Open meeting for all students interested in social work will be held in room 142 Arts, on Friday, March 5, at 3:30 p.m. Speaker will be Miss Osborne of the School of Social Work of the University of Manitoba.

This meeting is held under the auspices of the Psychology Department but all interested students are urged to attend.

MUSIC CLUB

The Musical club will elect their 1954-55 slate of officers in the mixed lounge of the Students Union building Monday, March 8 at 4:30 p.m.

A slate of candidates will be prepared by the present executive and nominations will be welcomed from the floor. All students who are interested in supporting Musical club activities are cordially invited by the club to attend.

LDS

Elections for the Latter Day Saints club officers for 1954-55 will be held Saturday night at the institute. Speeches will begin at 8:30.

Candidates are: For president, Bob Russell, med. 2, and Dave Lowe, dent. 2; vice-president, Lucy Senechal, arts 2, and Charlene Summerfelt, ed. 1; treasurer, Joe Takahashi, med. 2, and Nunham Stanford, eng. 1; reporter, Sam Baker, arts 1, and Ronald Spackman, arts 1. The secretary, Rae Paulsen, was chosen by

acclamation.

Following the speeches there will be dancing and refreshments will be served.

SCM

Monday, 12:30—Bible Study, 305 St. Steve's. Bring your lunch.

Thursday, 7:30 p.m.—"A Factual Study of Communism", Rm. 312 Rutherford Library.

Saturday, Sunday—Weekend Retreat at Tofield. Please contact Elaine Sinclair, 302235.

Please make application for Mental Health Hospital and Industrial summer projects as soon as possible.

L.S.A.

On Friday evening the group will attend a showing of the film, Martin Luther. An informal gathering will follow at the home of Anne Strack 11644-91 St.

LOST—Will the party who took by mistake a three-quarter length blue-grey station wagon coat with a fur collar and belt, and with blue gloves and tan cap in the pocket, from the Education building, please exchange it for his own which is too small for me. See Douglas Ray or exchange at 125 Arts building.

LOST—Black billfold in the vicinity of the Students Union building on Sat., Feb. 27. Contact Dave van Helden, 11122-87 Ave, or phone 33086.

SUITE

Unfurnished suite wanted: Near university on May 1. Arrangements could be made regarding baby-sitting or light housework, if desired. Furnished or semi-furnished suites would also be considered. For married student and wife. Phone Mrs. Puffer, 33656.